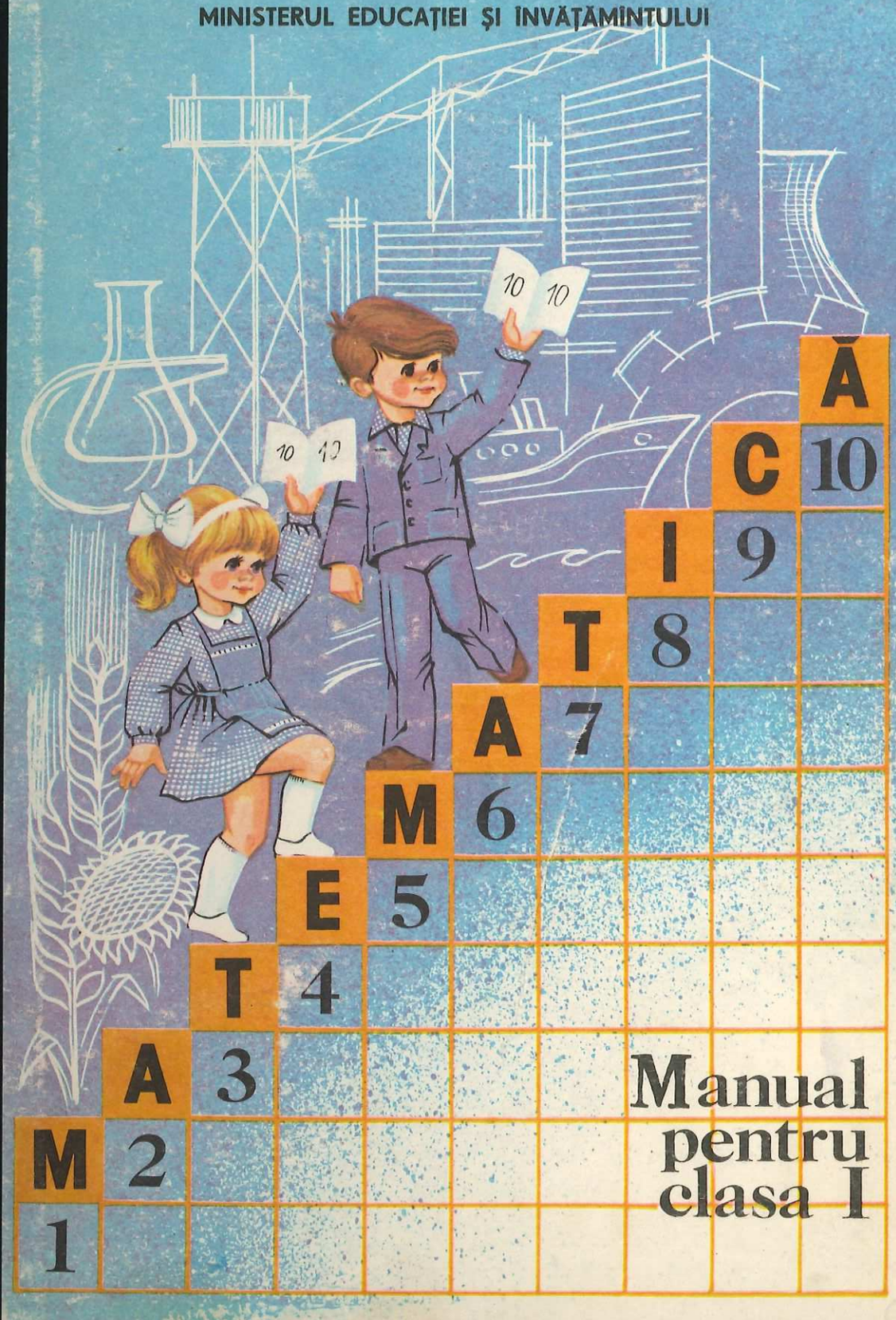
Editura Didactică și Pedagogică — București, 1988

Lei 27,30

MINISTERUL EDUCAȚIEI ȘI ÎNVĂȚĂMÂNTULUI



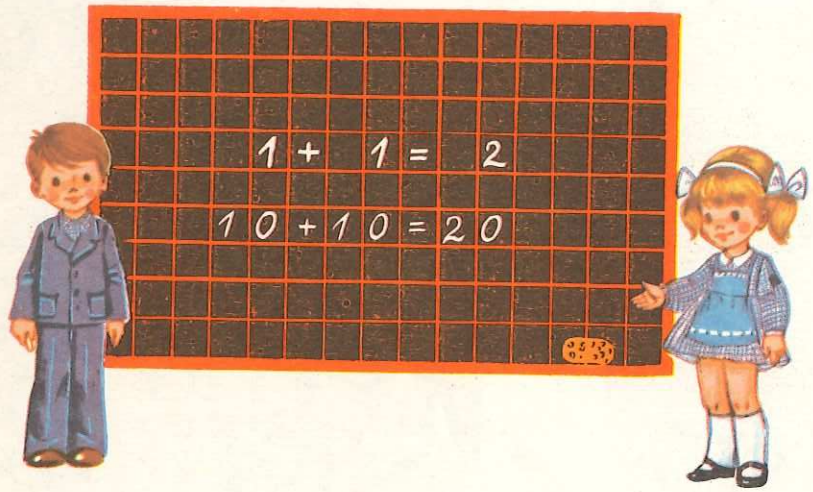
Manual pentru clasa I

MINISTERUL EDUCAȚIEI ȘI ÎNVĂȚĂMÎNTULUI

VASILE MOTRESCU
GHEORGHE HERESCU
ELISABETA GÎLCESCU
VICTORIA FLORESCU
ALEXANDRINA DUMITRU
EUGENIA ȘINCAN

Matematică

Manual pentru clasa I



Editura Didactică și Pedagogică — București

Manualul a fost elaborat în anul 1985 pe baza programei aprobate de Ministerul Educaţiei şi Învăţământului cu nr. 38198/1983.

Control metodic: ANNA-LOUISE BORŢOI

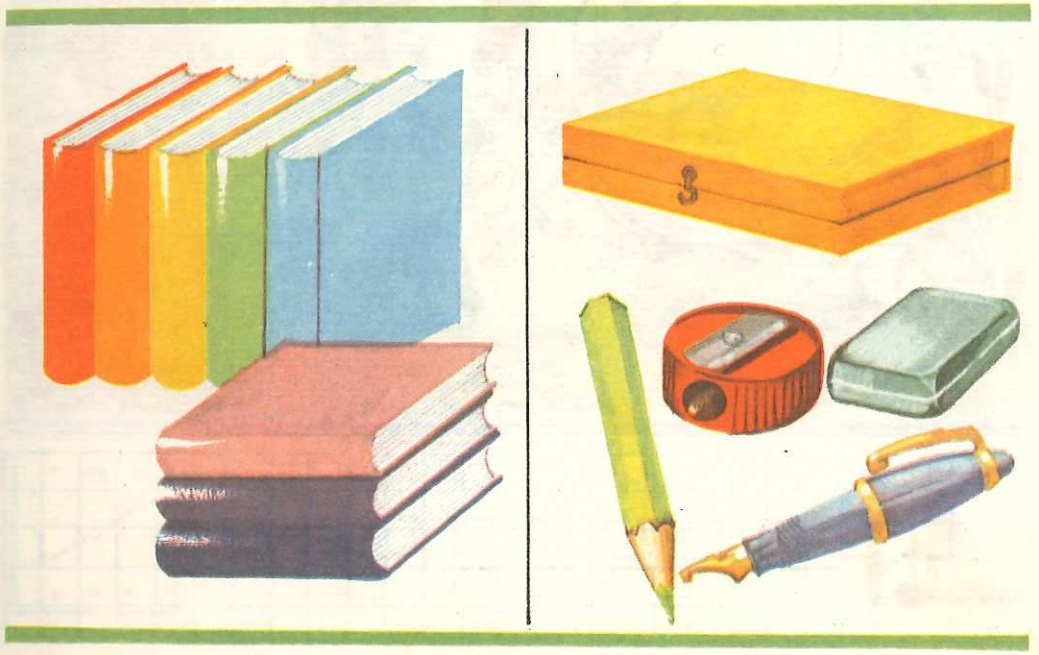
Redactor: *TUDORA GAVRILĂ*

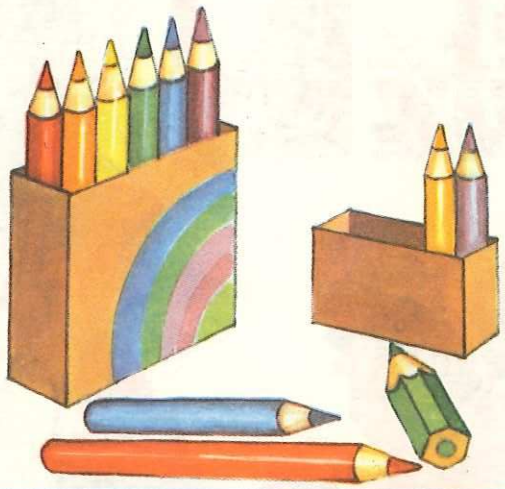
Tehnoredactor: *PARASCHIVA GAŞPAR*

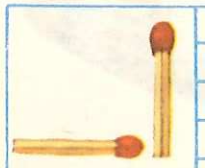
Coperta şi ilustraţiile: *ZORINA şi VICTOR BÂLDESCU*

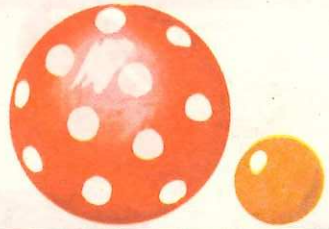
TOVARĂŞUL NICOLAE CEAUŞESCU,

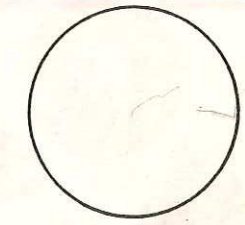
secretar general al Partidului Comunist Român, preşedintele Republicii Socialiste România

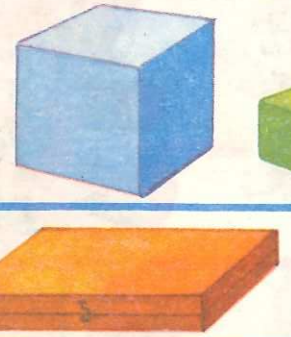


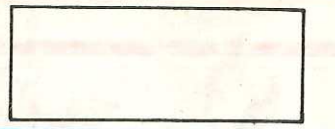


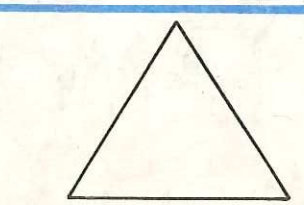


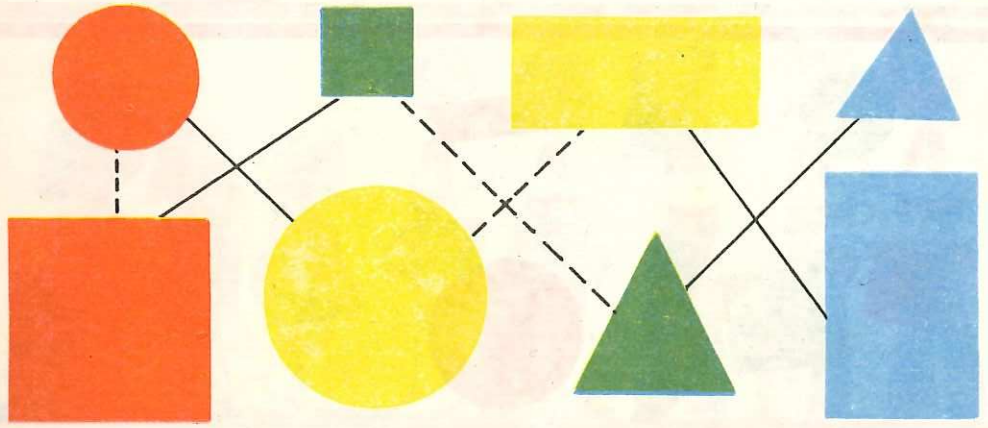


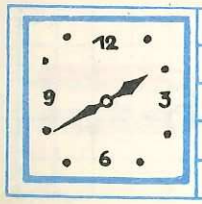








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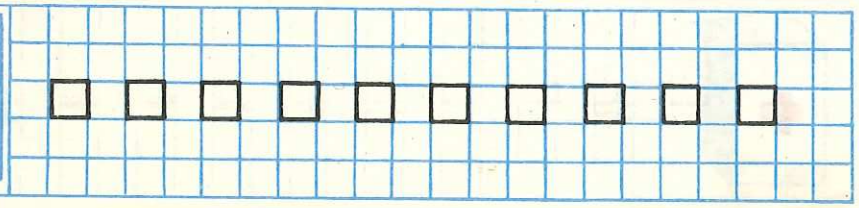

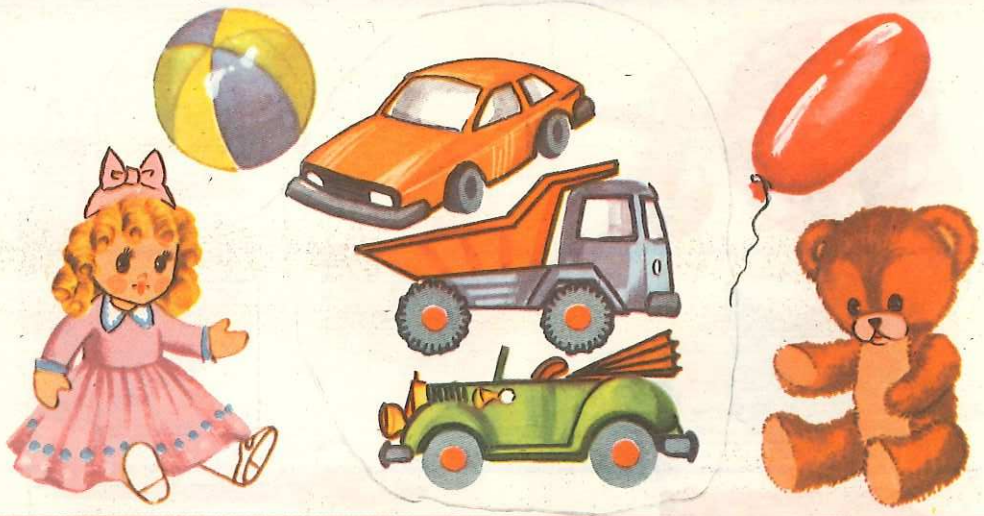

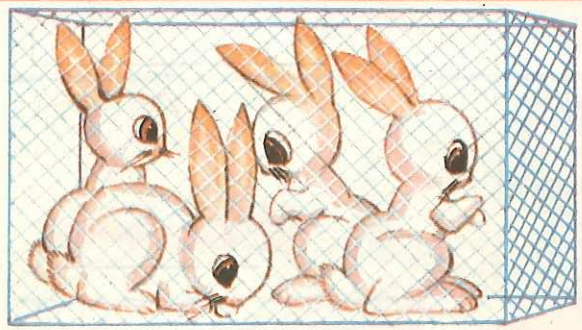

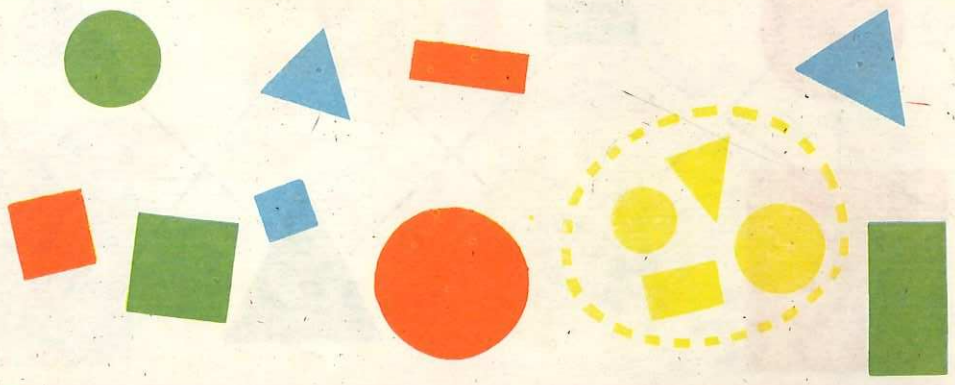

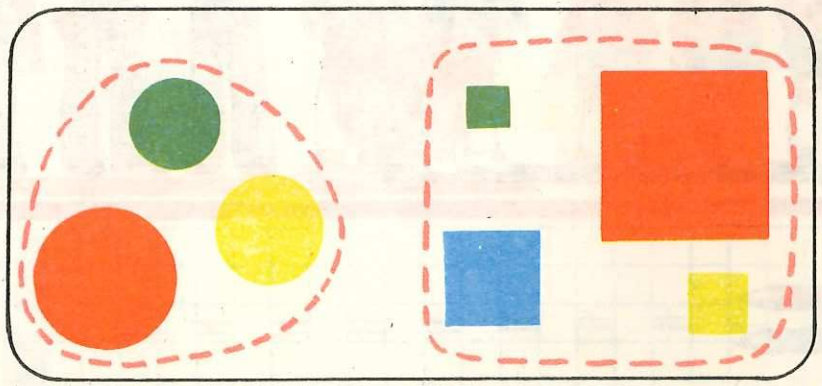

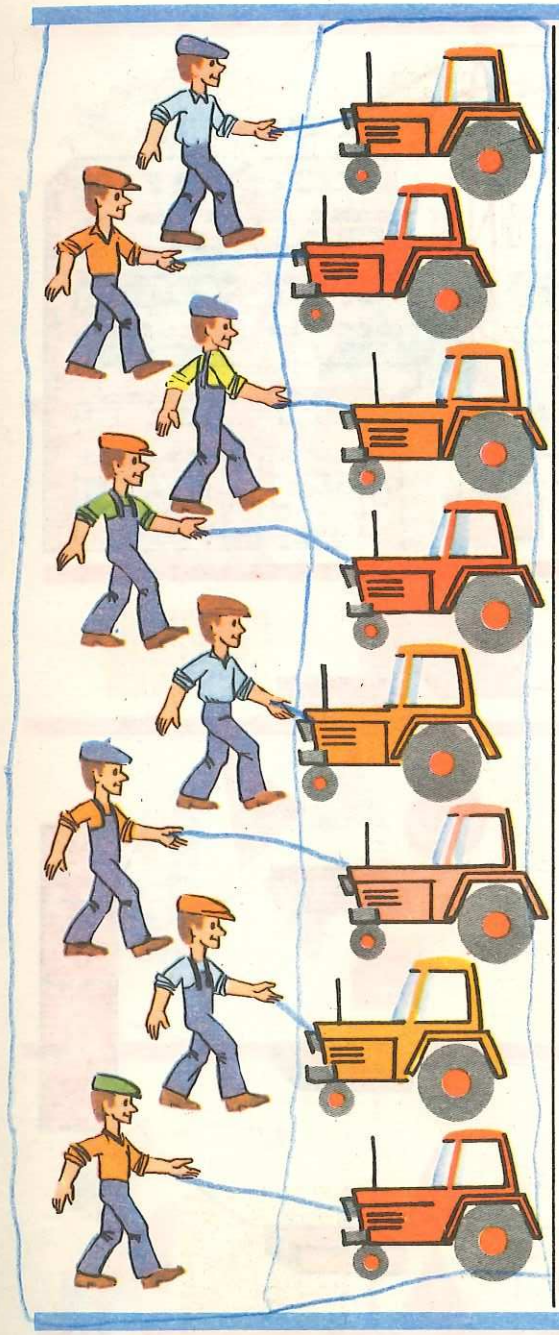

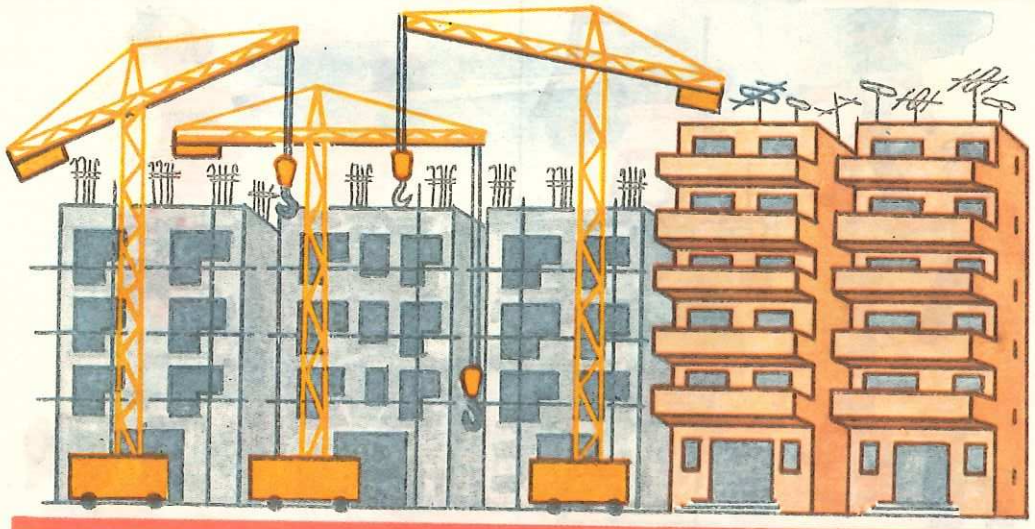

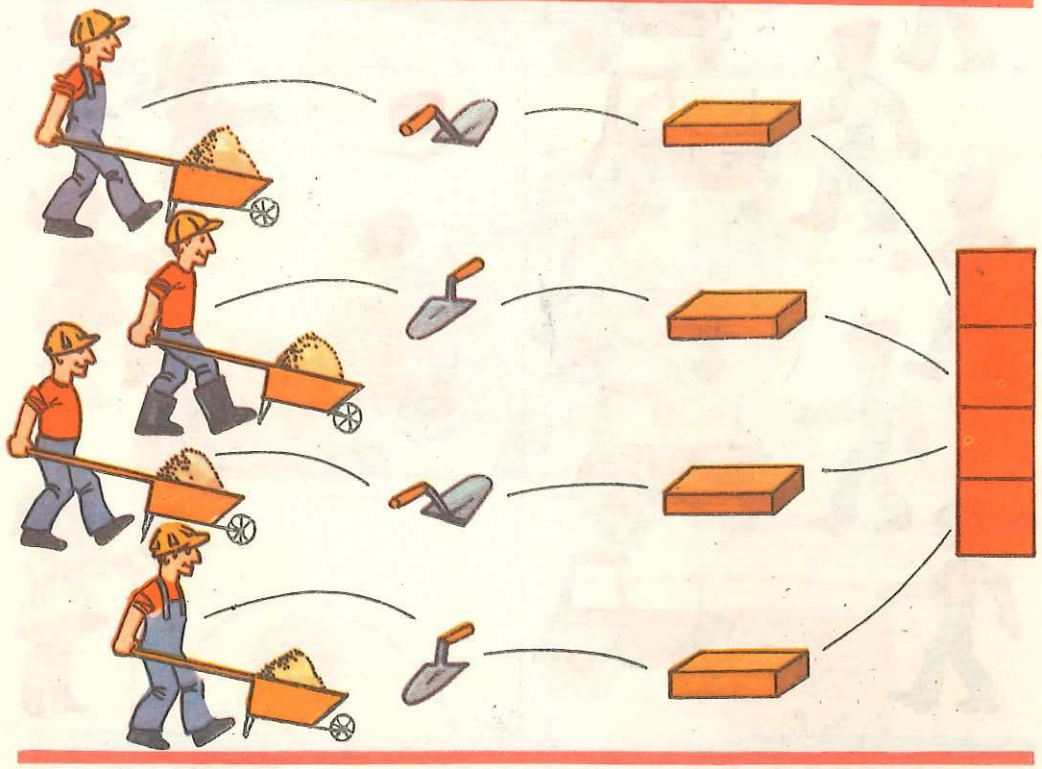

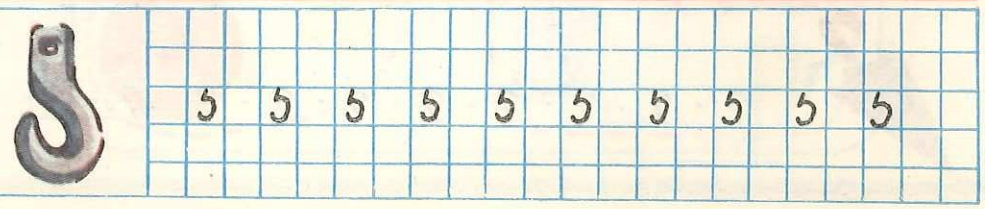

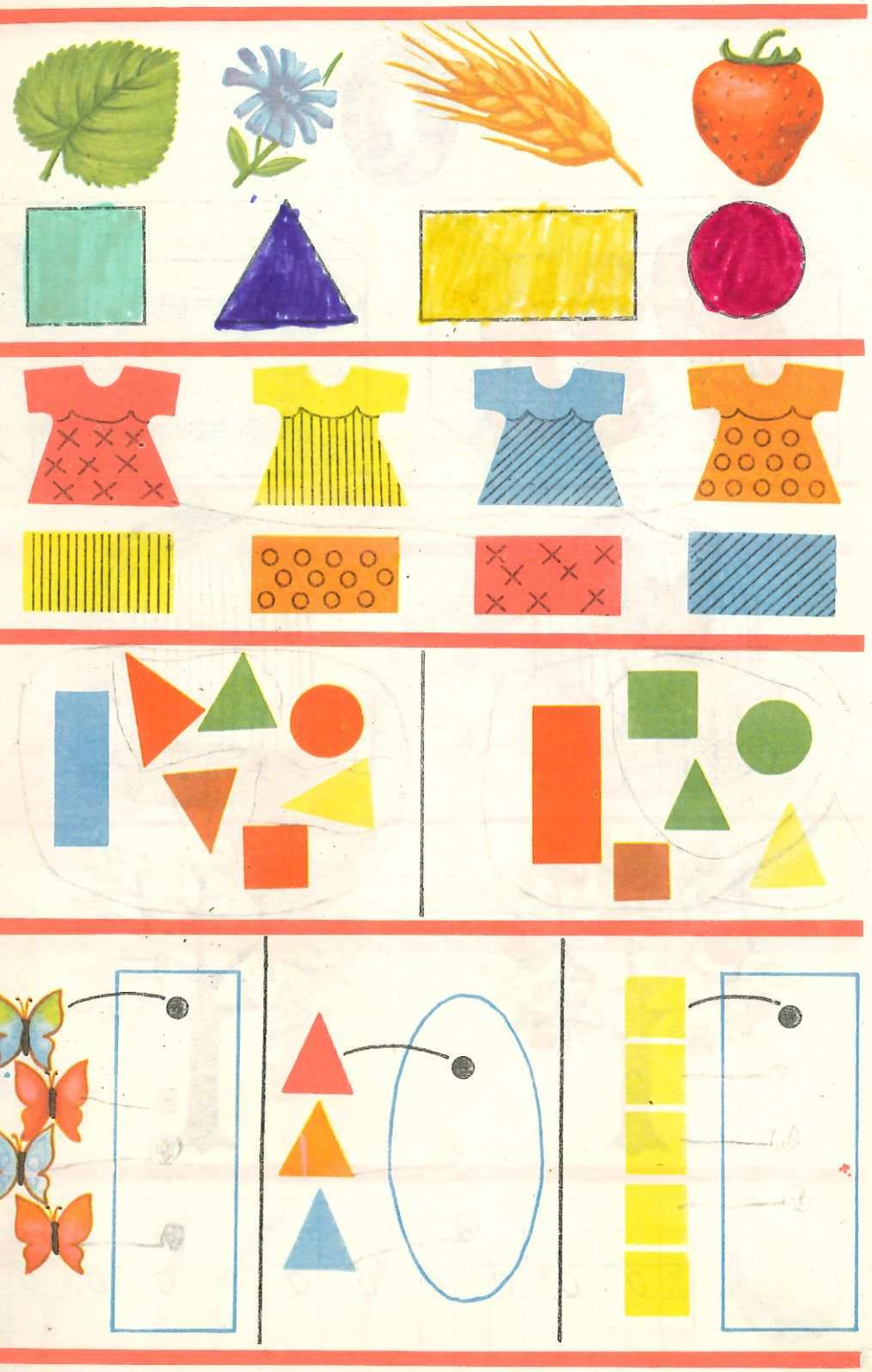

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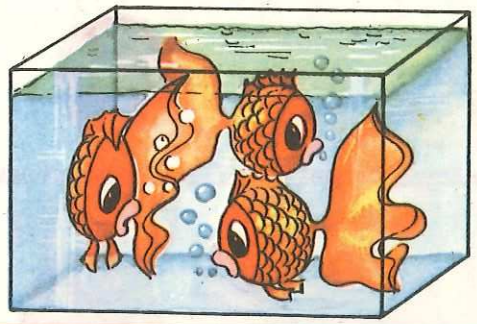

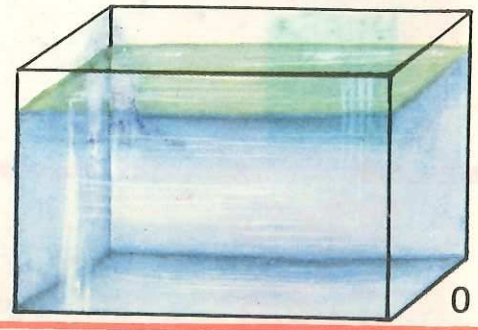

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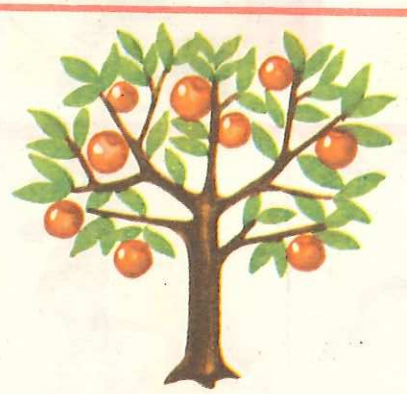

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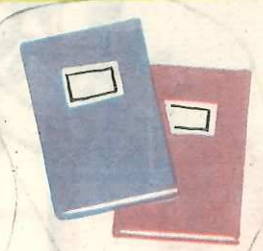

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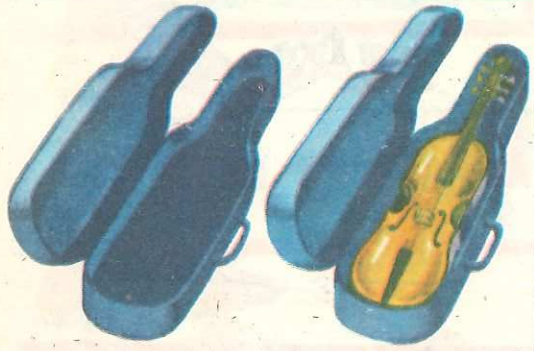

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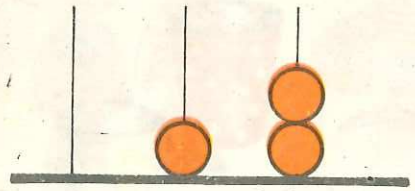

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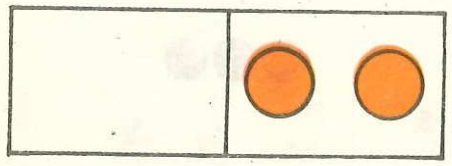

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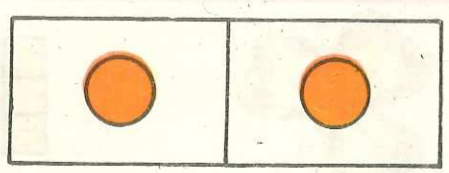

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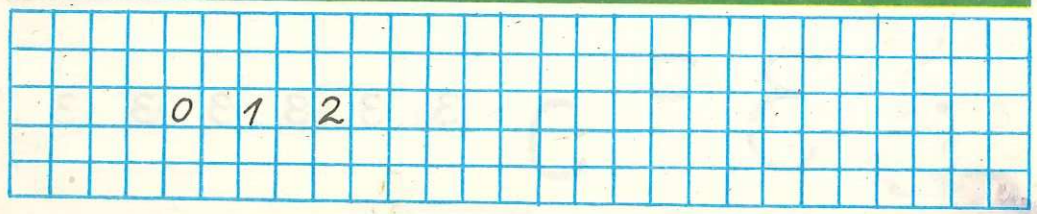

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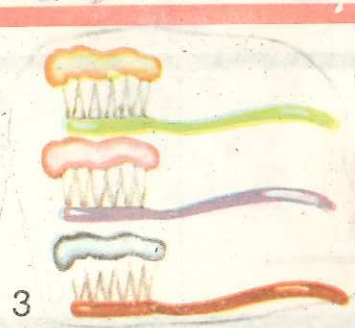

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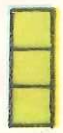

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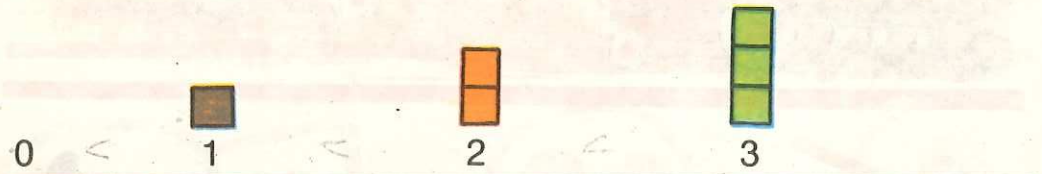

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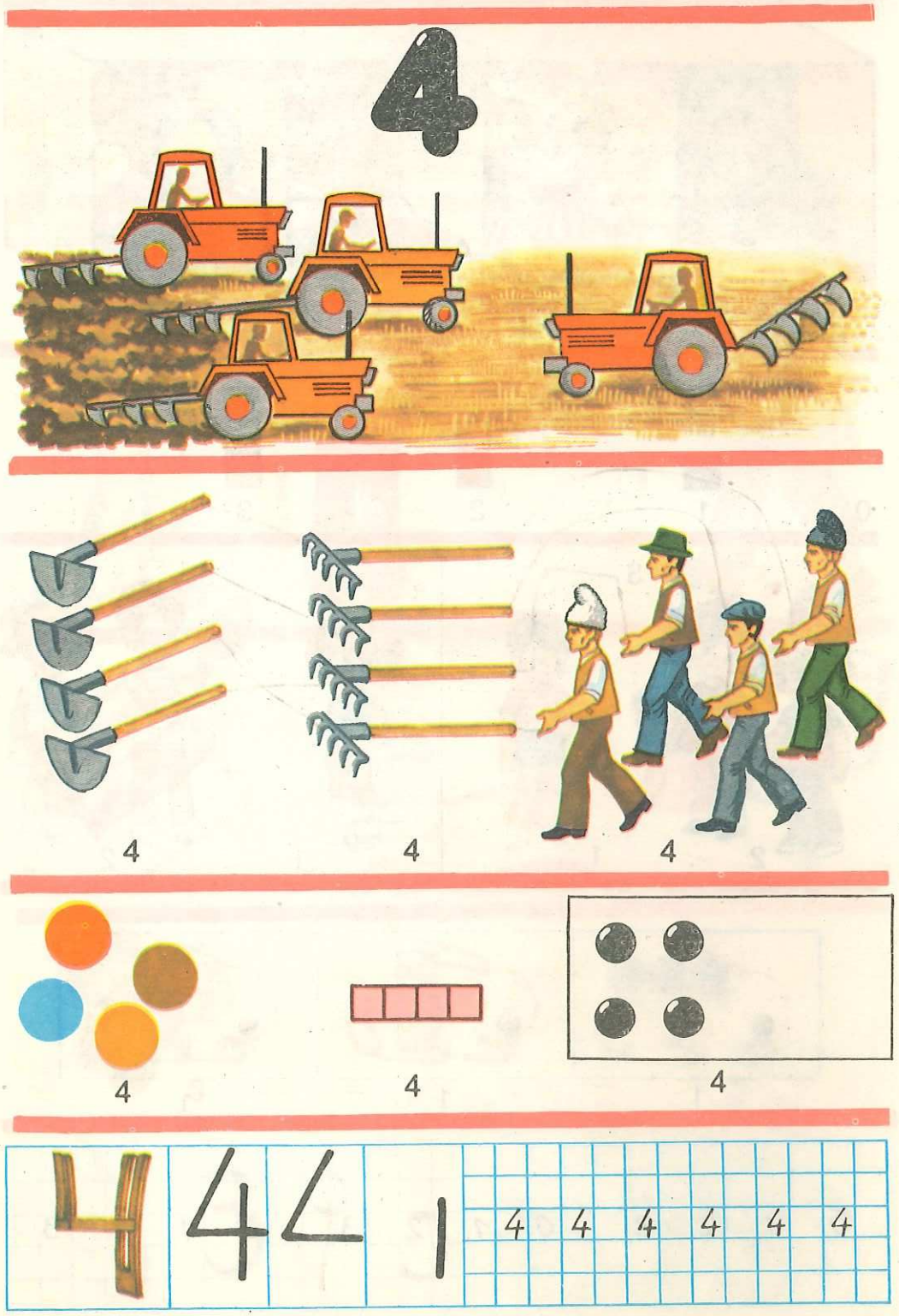
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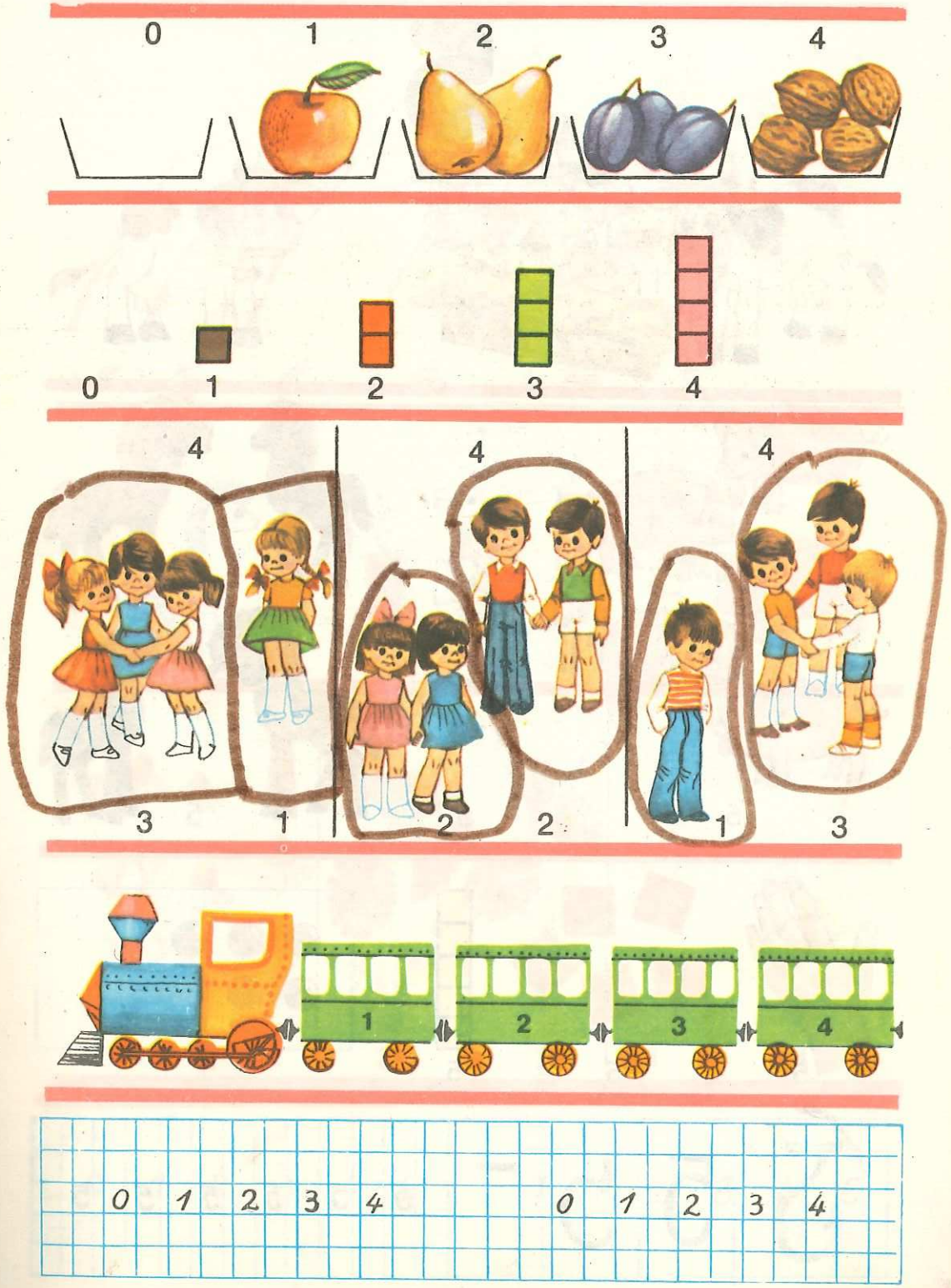
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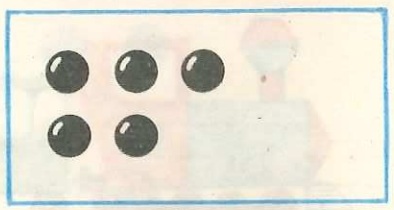

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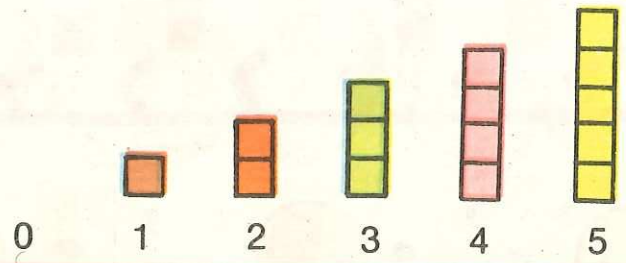

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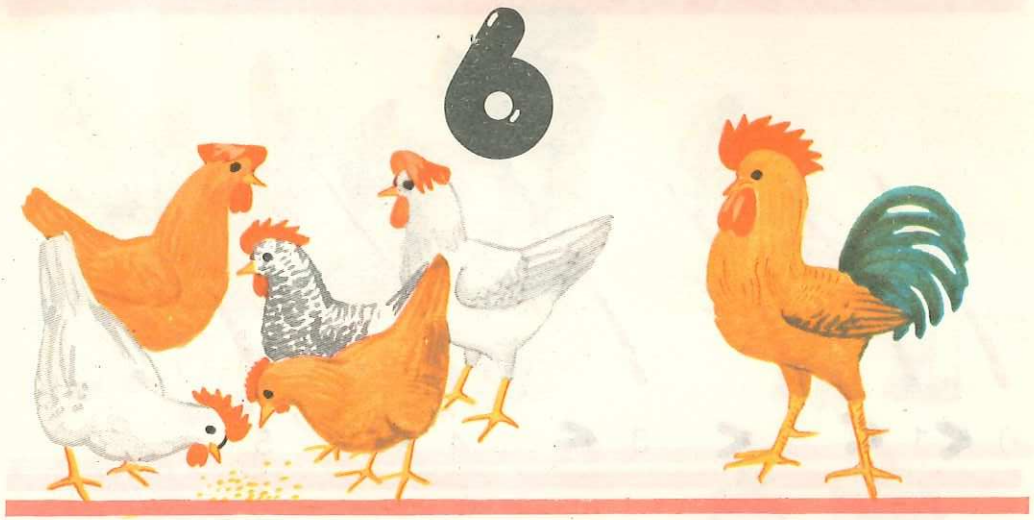

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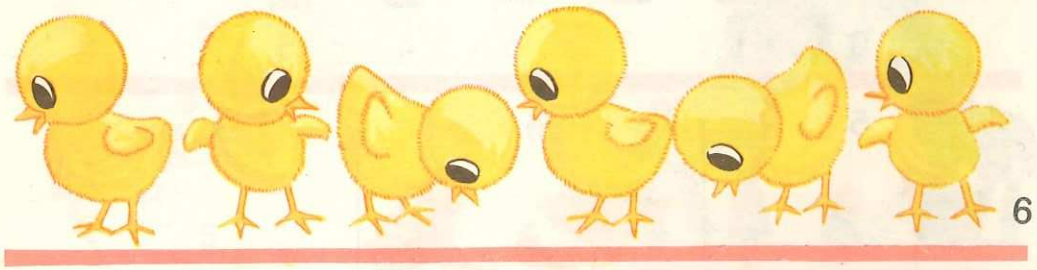

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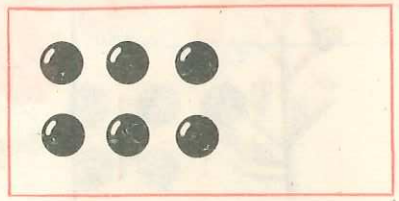

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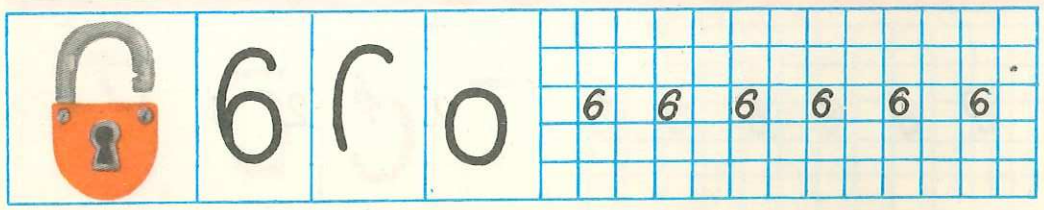

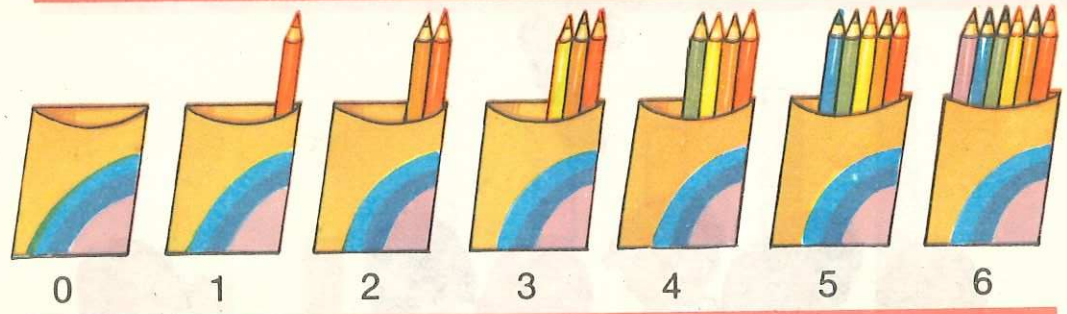

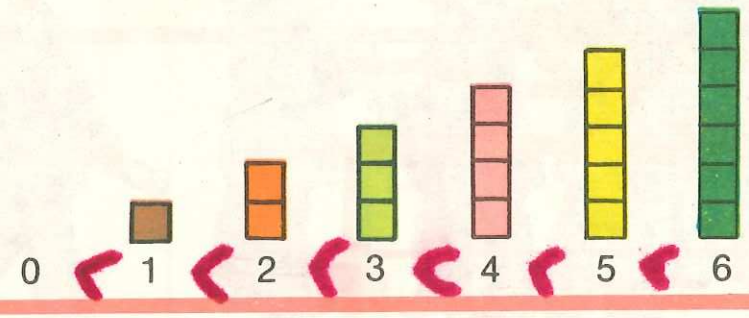

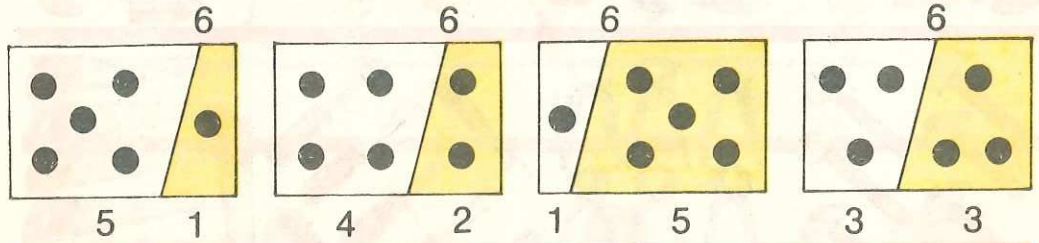

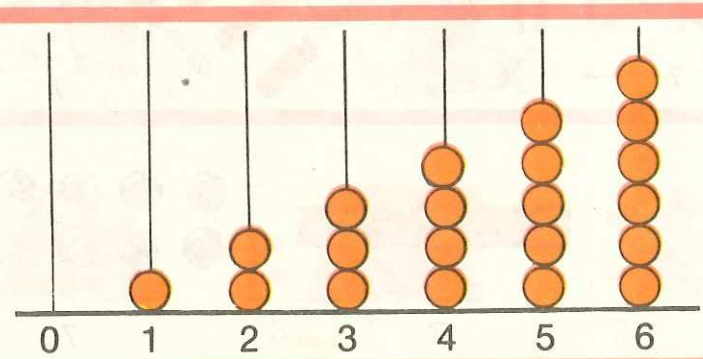

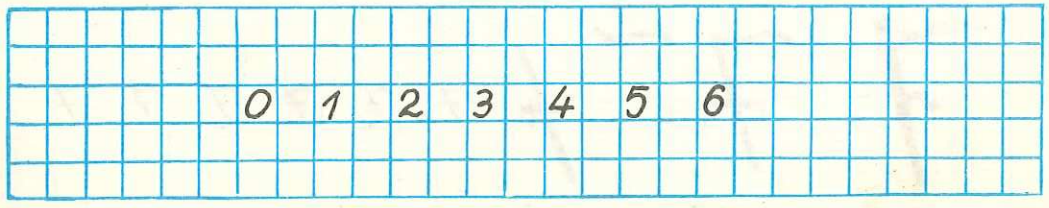

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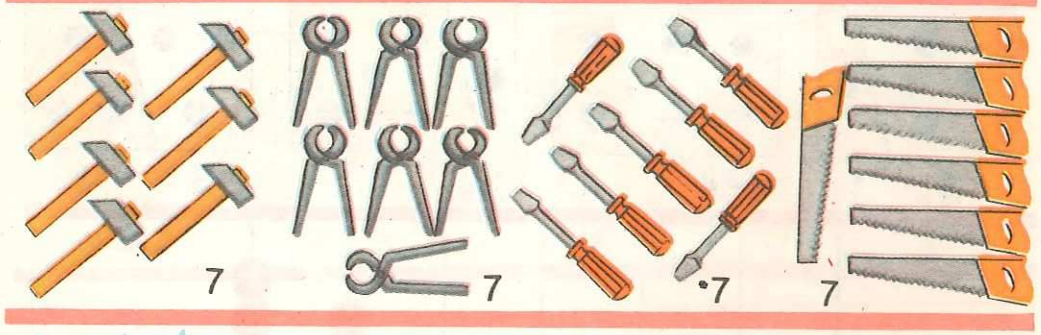

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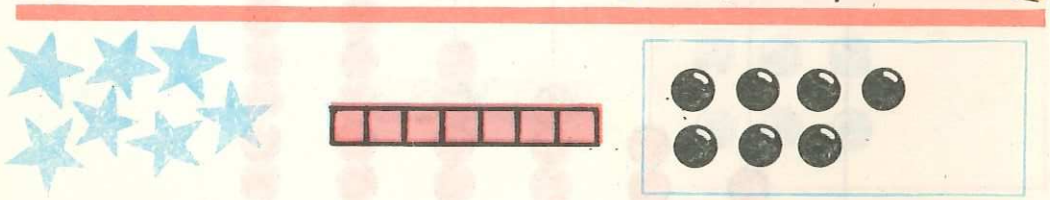

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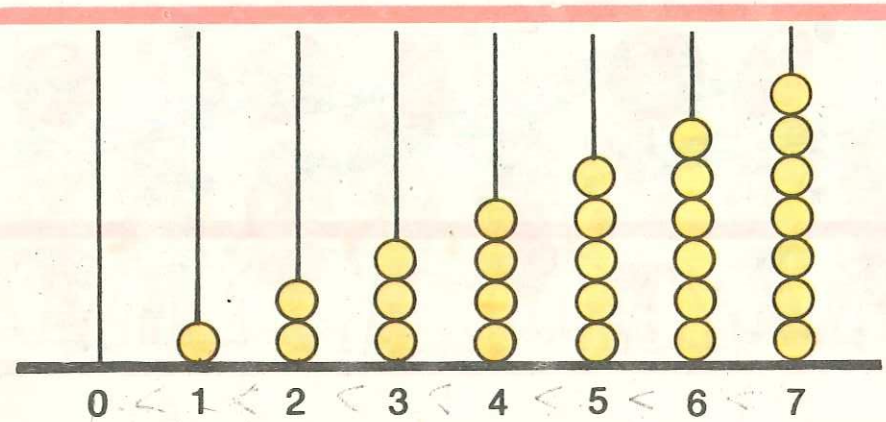

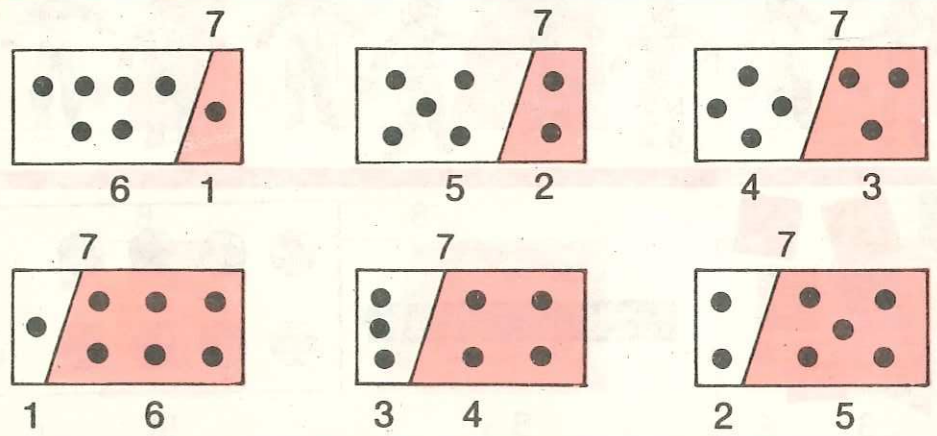

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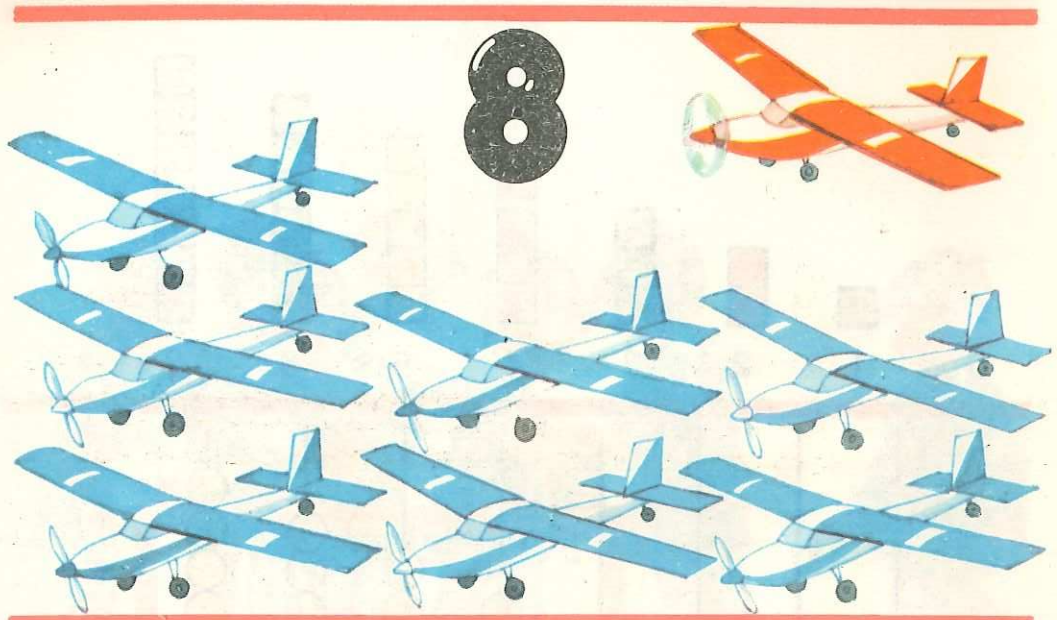

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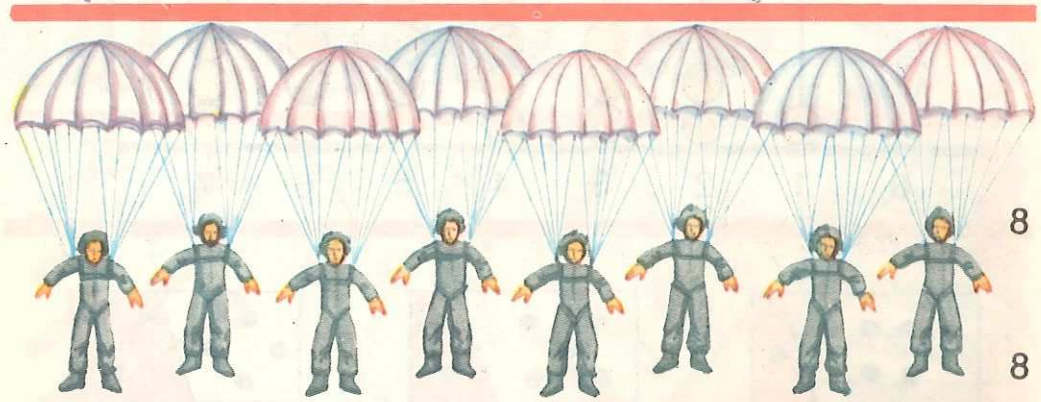

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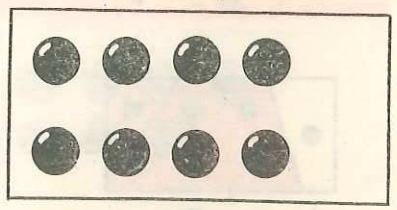

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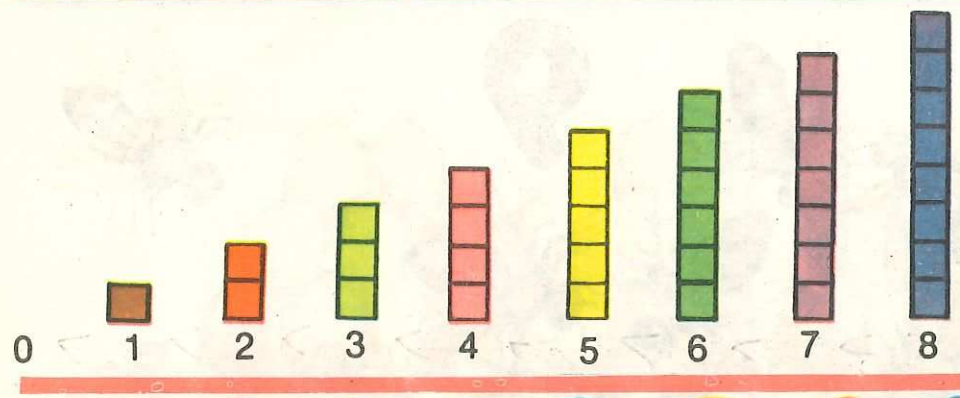
8 8 8 8 8 8



8 8 8

8

6 2

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4 4

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7 1

8

5 3

8

1 7

8

3 5

0 1 2 3 4 5 6 7 8

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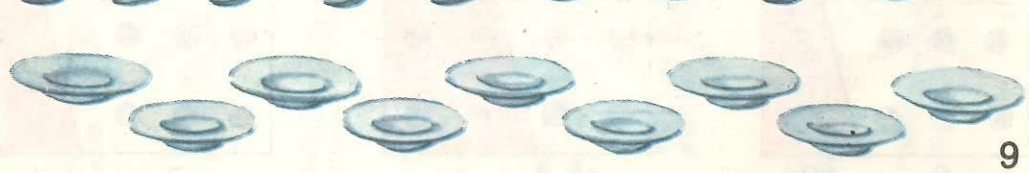
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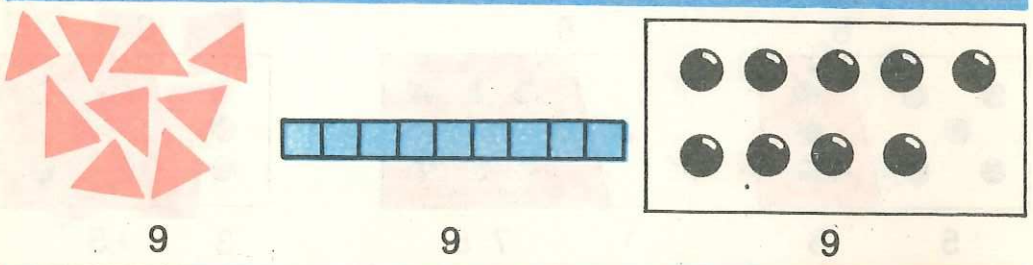
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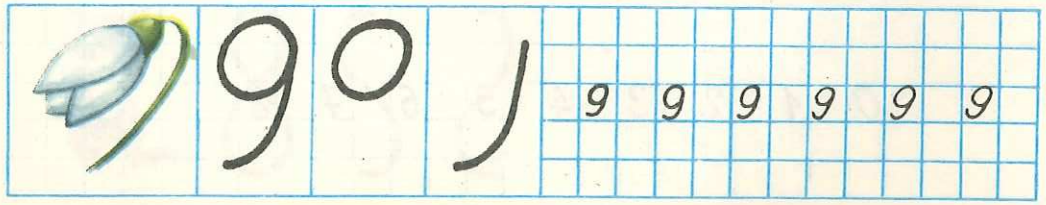
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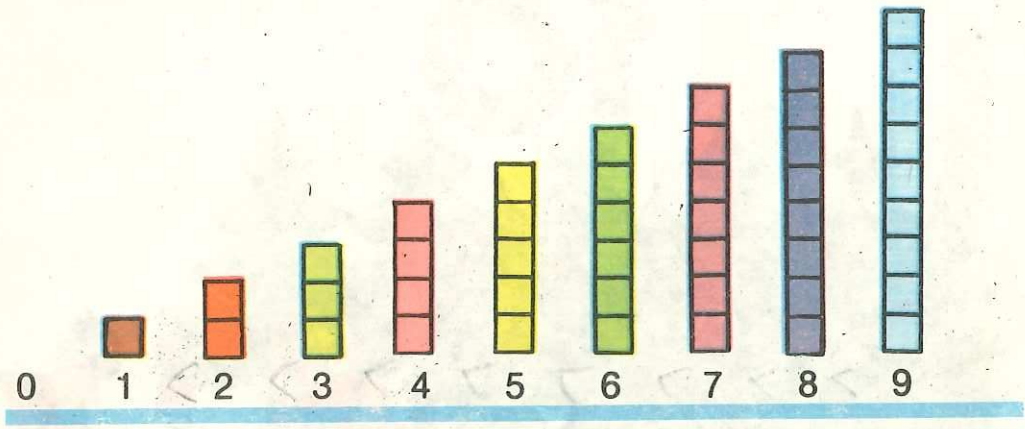
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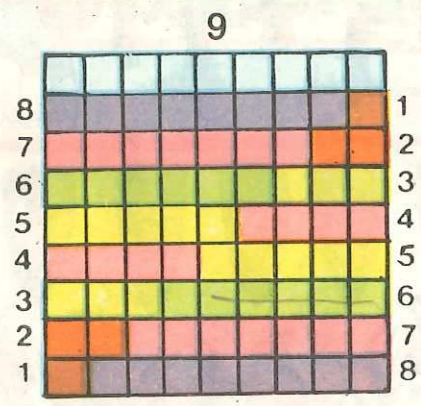
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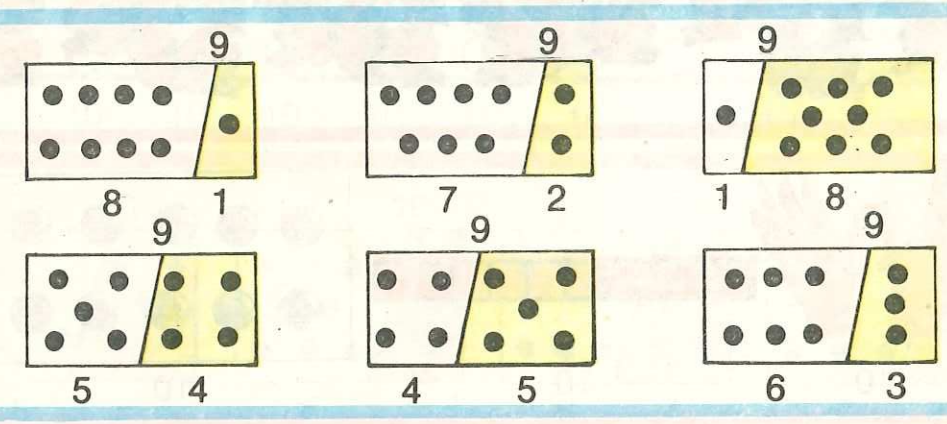
8 1
7 2
6 3
5 4
4 5
3 6
2 7
1 8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7 2
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1 8
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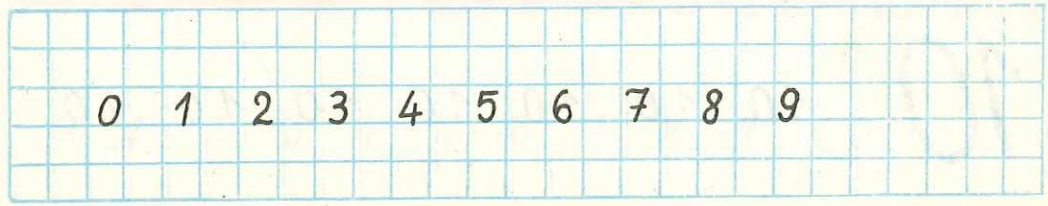
4 5
9
6 3


0 1 2 3 4 5 6 7 8 9

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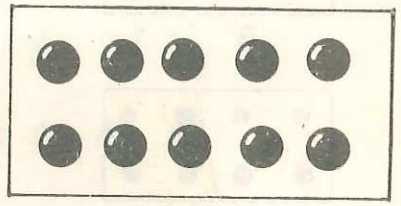

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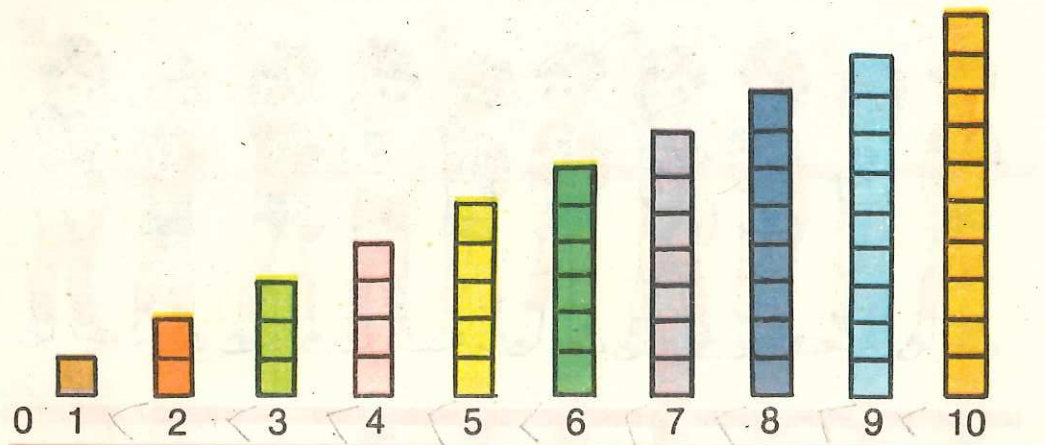
10 10 10 10 10 10 10 10 10 10



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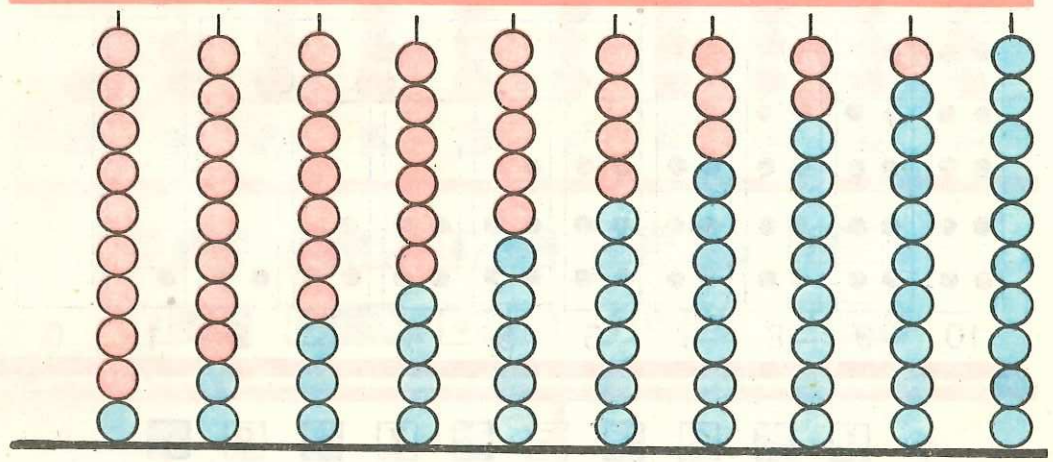
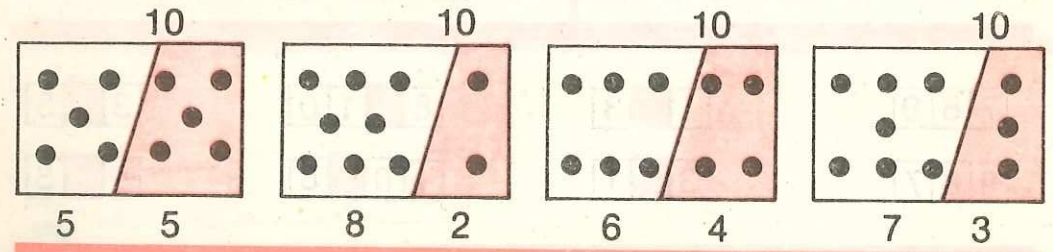


10 10 10 10 10 10 10 10 10 10

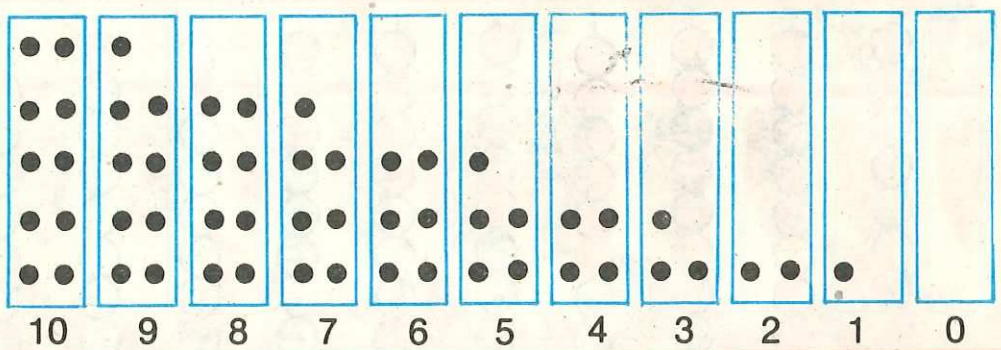


10 10 10 10

5 5 8 2 6 4 7 3

0 1 2 3 4 5 6 7 8 9 10

0 → 10 10 → 0

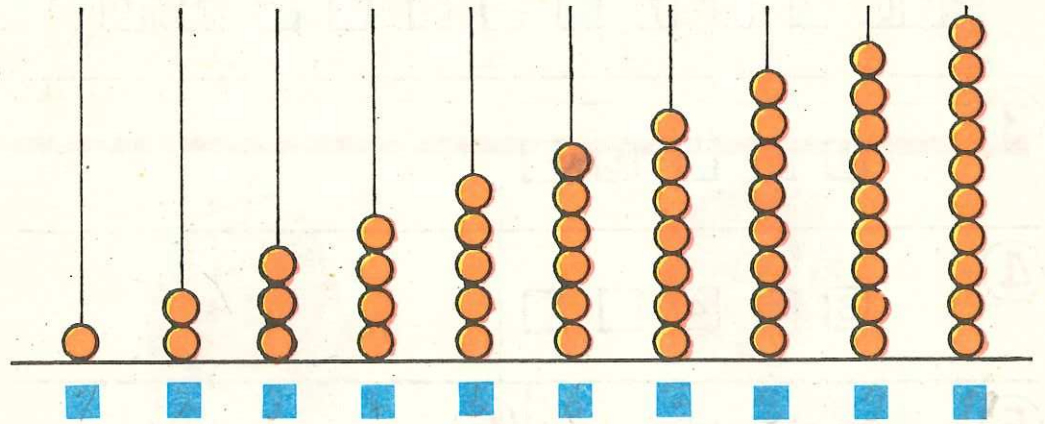


1		3		5		7		9		
10		8		6		4		2		

7 8 9	1 _ 3	8 _ 1 0	3 _ 5
9 8 7	3 _ 1	1 0 _ 8	5 _ 3

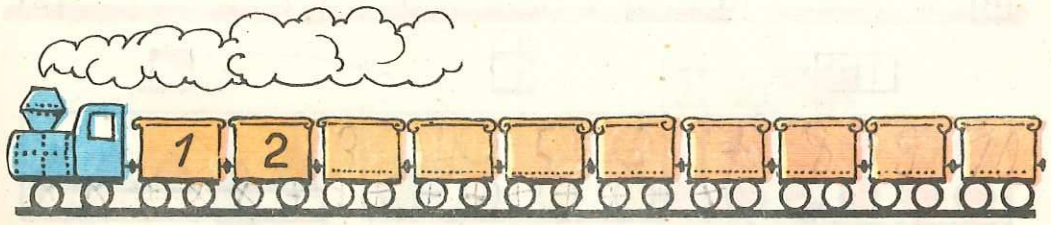
4 5 6	_ 3 _	_ 9 _	_ 4 _
6 5 4	_ 3 _	_ 9 _	_ 4 _

0	1									1 0
1 0										0



0 1 2	7 _ _	6 _ _	8 _ _ _	3 _ _
7 6 5	8 _ _	3 _ _	1 0 _ _	2 _ _

0 2 _ _ 8 _	1 3 _ _ 9
1 0 8 _ _ _ 0	9 7 _ _ 1



① 0 ■ ■ ■ ■ 5 ■ ■ ■ ■ 10

② 10 ■ ■ 7 ■ ■ ■ ■ ■ ■ 0

③ ■ 6 ■ 8 ■

④ 6 ■ 4 ■ ■

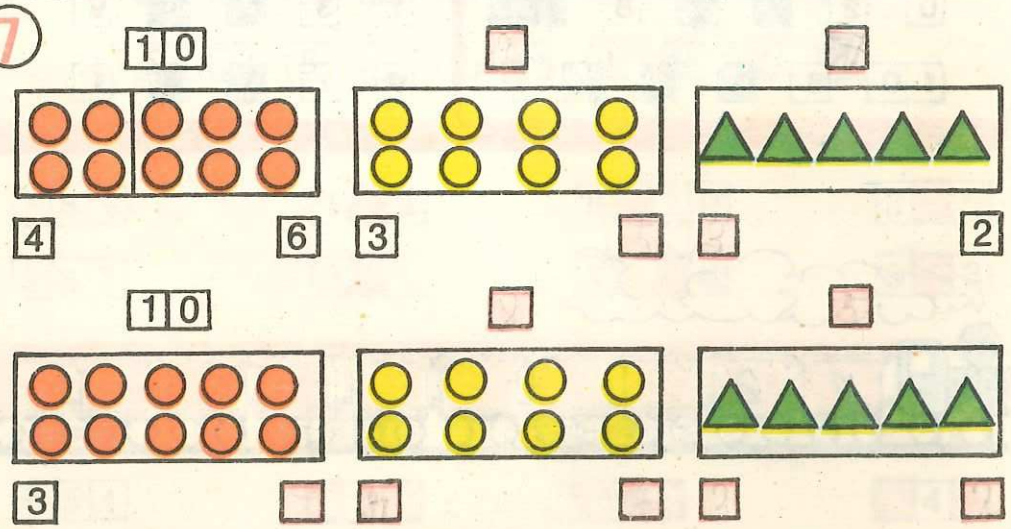
⑤

6	■	8
4	■	6
2	■	4

⑥

■	7	■
■	3	■
■	9	■

⑦



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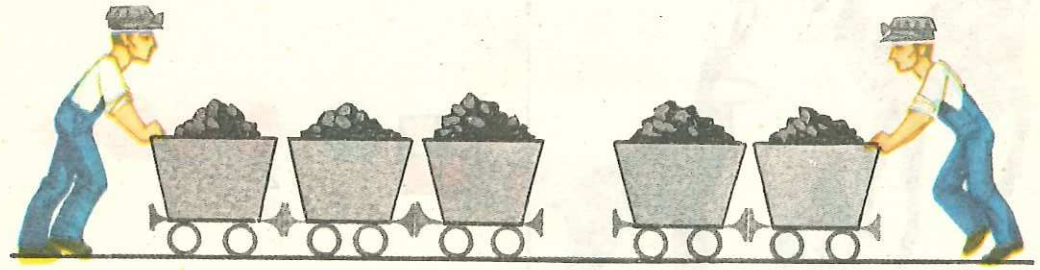
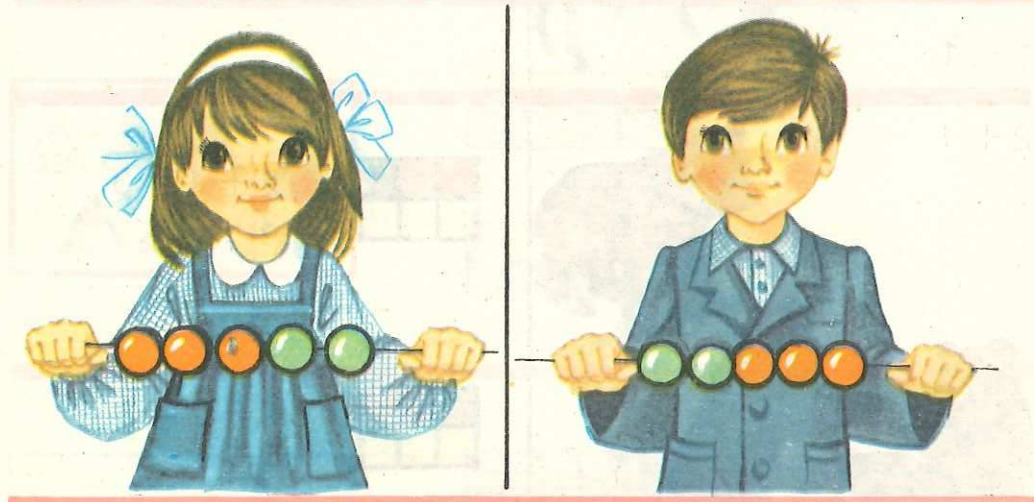
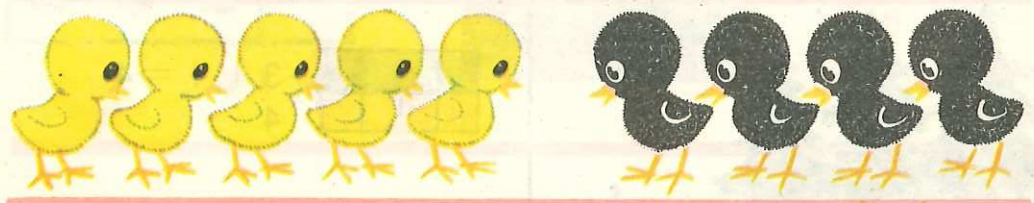
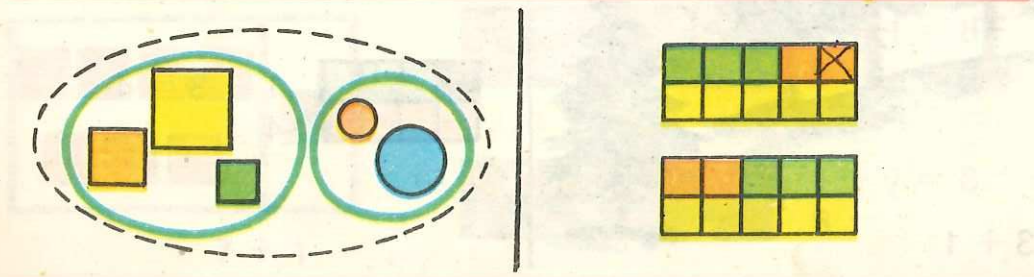








□ + 1 1 + □

1 + 1

2 + 1

3 + 1

1 + 1 = 2
2

2 + 1 = 3
3

1 + 2 = 3
3

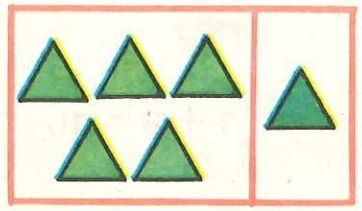
3 + 1 = 4
4

1 + 3 = 4
4

4 + 1

4 + 1 = 5
5

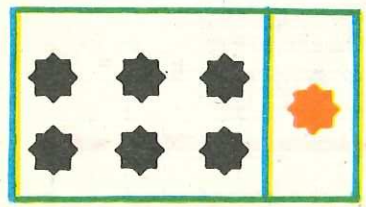
1 + 4 = 5
5



5 + 1

5 + 1 = 6
6

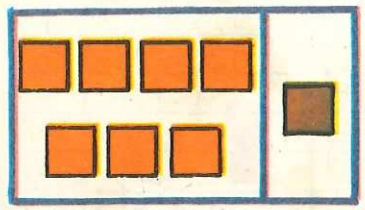
1 + 5 = 6
6



6 + 1

6 + 1 = 7
7

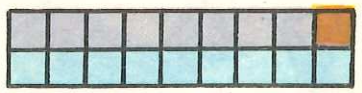
1 + 6 = 7
7



7 + 1

7 + 1 = 8
8

1 + 7 = 8
8



8 + 1
9

8 + 1 = 9

1 + 8
9

1 + 8 = 9

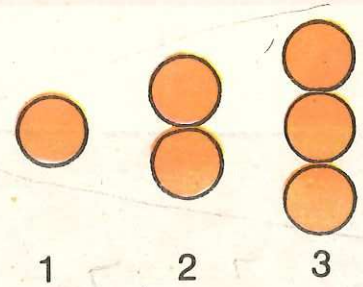
9 + 1
10

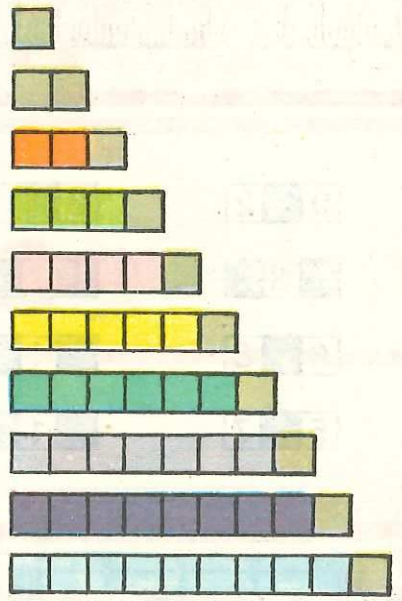
9 + 1 = 10

1 + 9
10

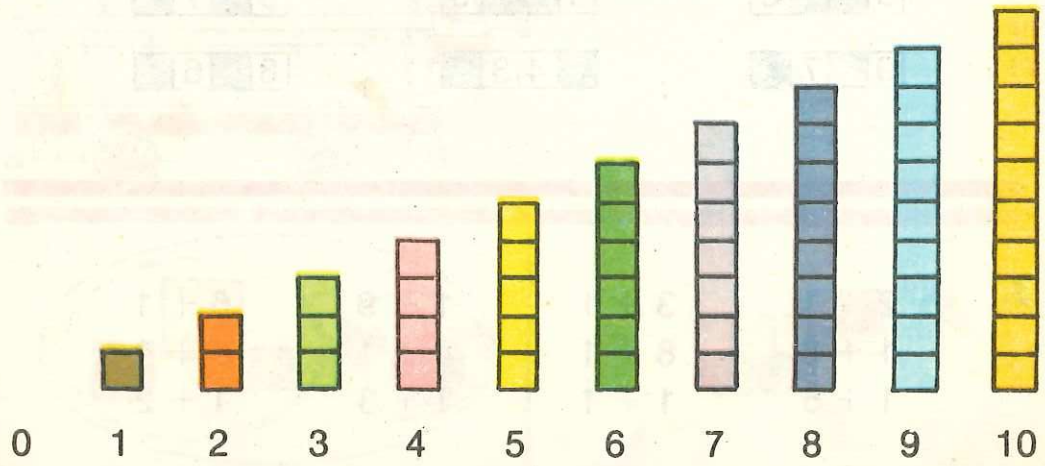
1 + 9 = 10

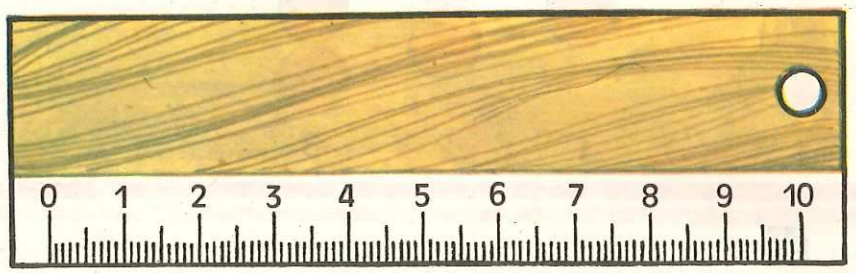
1 + 1 = ?	1 + 2 = ?	7 + 1 = ?
2 + 1 = ?	1 + 3 = ?	1 + 5 = ?
3 + 1 = ?	1 + 4 = ?	2 + 1 = ?
4 + 1 = ?	1 + 5 = ?	1 + 8 = ?
5 + 1 = ?	1 + 6 = ?	9 + 1 = ?
6 + 1 = ?	1 + 7 = ?	1 + 6 = ?
7 + 1 = ?	1 + 8 = ?	3 + 1 = ?
8 + 1 = ?	1 + 9 = ?	1 + 4 = ?
9 + 1 = ?		1 + 9 = ?





1 + 1 = 2
2 + 1 = 3
3 + 1 = 4
4 + 1 = 5
5 + 1 = 6
6 + 1 = 7
7 + 1 = 8
8 + 1 = 9
9 + 1 = 10





1.

7 8 9	3 _ 5	0 _ 2	8 _ 10
4 5 6	_ 8 _	_ 3 _	_ 7 _
2 _ 4	_ 6 _	6 _ 8	_ 4 _
1 _ 3	_ 9 _	5 _ 7	_ 1 _

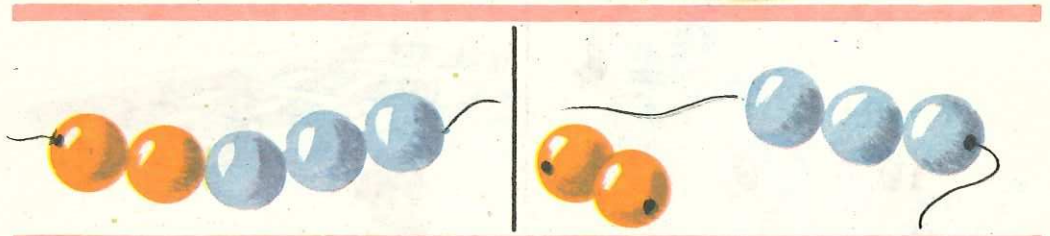
2.

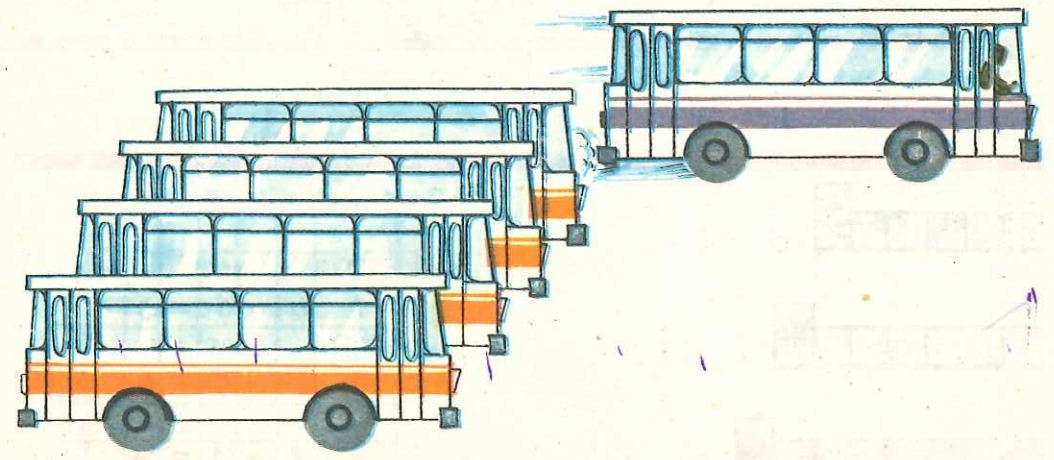
5 _ _ 8	6 _ _ 9	5 _ 7
9 _ 7 _	_ 4 3 _	8 _ 6 _

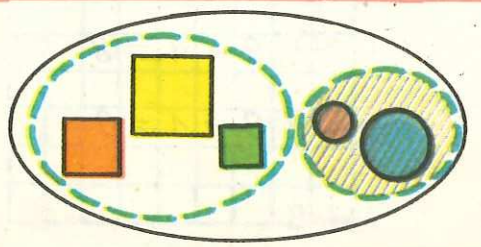
3.

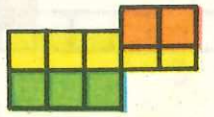
2 + 1	3 + 1	1 + 9	6 + 1
1 + 6	8 + 1	4 + 1	5 + 1
1 + 5	1 + 1	1 + 8	1 + 2

□ – □ = □

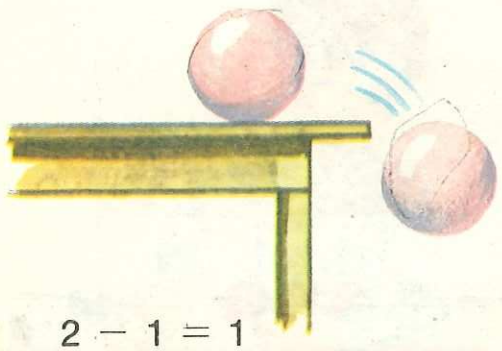






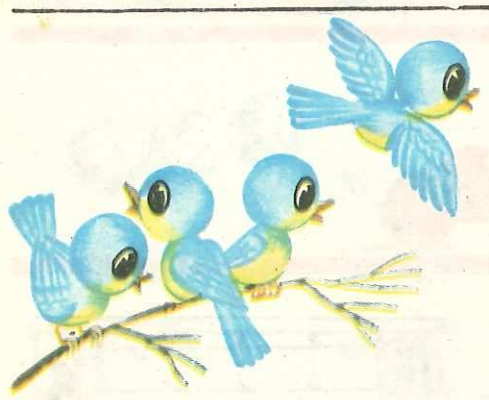


□ − 1



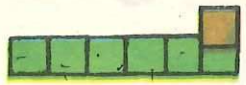
2 − 1 = 1

3 − 1 = 2



4 − 1 = 3

5 − 1 = 4



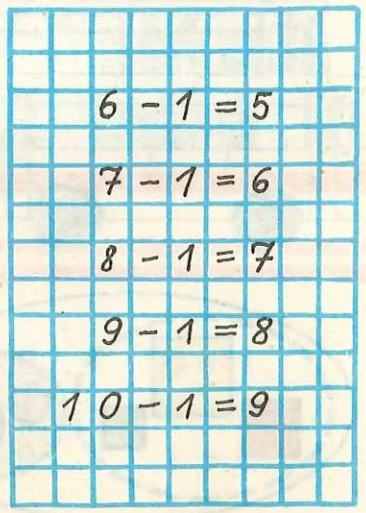
6 − 1

7 − 1

8 − 1

9 − 1

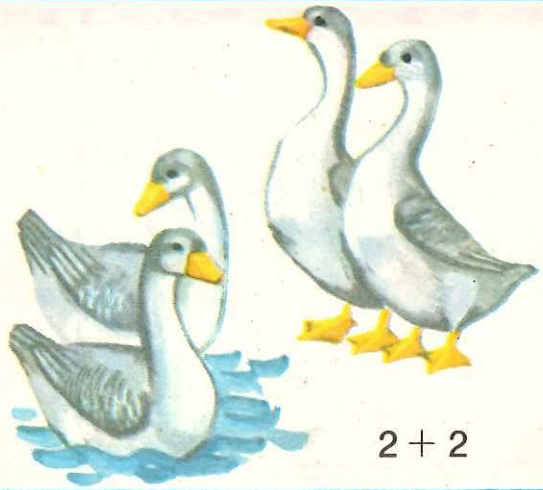
10 − 1



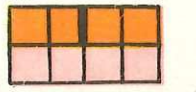
?

1 + 1	2 − 1	2 − 1	3 − 1
2 + 1	3 − 1	3 − 1	2 + 1
3 + 1	4 − 1	6 + 1	7 − 1
4 + 1	5 − 1	7 − 1	6 + 1
5 + 1	6 − 1	4 + 1	5 − 1
6 + 1	7 − 1	5 − 1	4 + 1
7 + 1	8 − 1	8 + 1	9 − 1
8 + 1	9 − 1	9 − 1	8 + 1
9 + 1	10 − 1		
10 − 1	4 + 1	9 + 1	4 − 1
1 + 1	2 + 1	3 − 1	5 + 1
3 + 1	3 + 1	5 + 1	10 − 1
4 − 1	6 + 1	8 + 1	9 + 1
5 + 1	8 − 1	10 − 1	7 + 1
6 − 1	7 − 1	1 + 1	6 − 1
7 + 1	5 − 1	2 − 1	3 + 1
8 − 1	8 − 1	9 − 1	8 − 1

□ + 2

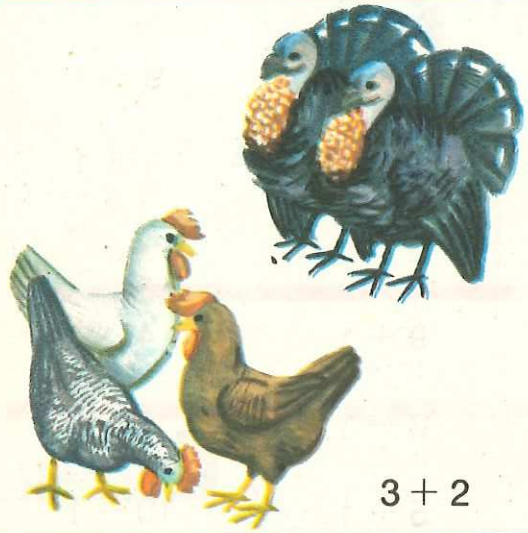


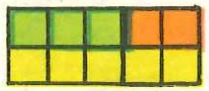
2 + 2



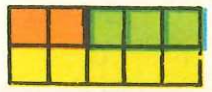
2 + 2 = 4
4

3 + 2



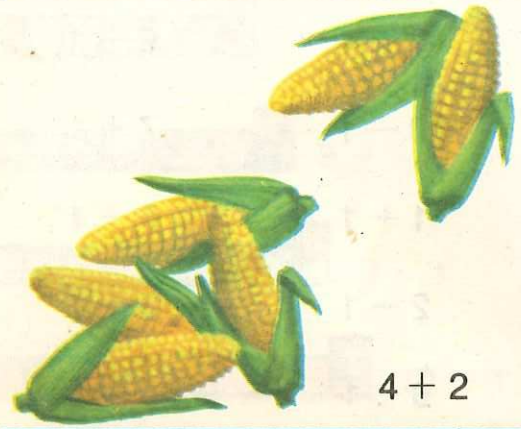


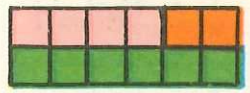
3 + 2 = 5
5



2 + 3 = 5
5

4 + 2

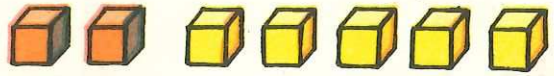




4 + 2 = 6
6

2 + 4 = 6
6

5 + 2 = 7



2 + 5 = 7

6 + 2 = 8

2 + 6 = 8

7 + 2 = 9
9

2 + 7 = 9
9

8 + 2 = 10
10

2 + 8 = 10
10

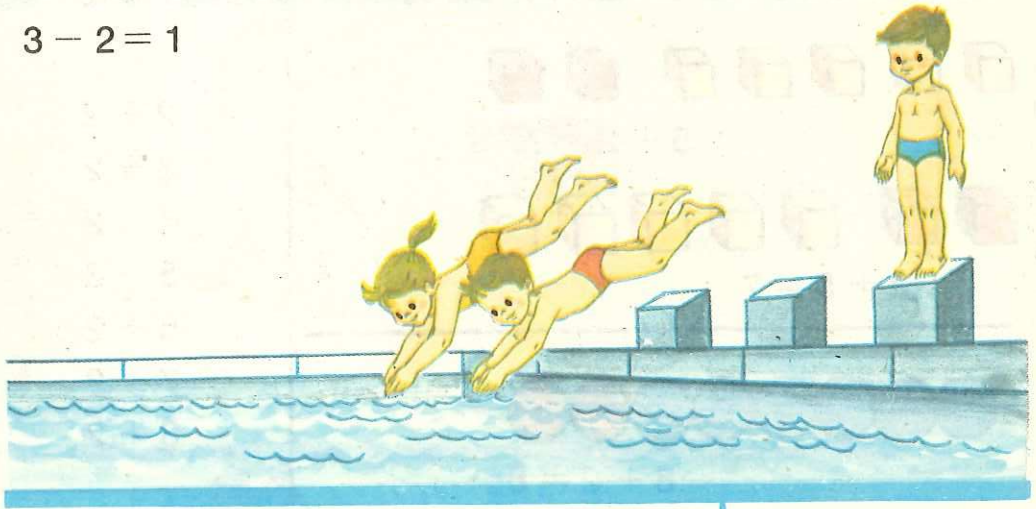
2 + 2
3 + 2
4 + 2
5 + 2
6 + 2
7 + 2
8 + 2

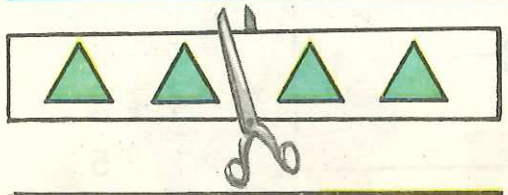
2 + 3
2 + 4
2 + 5
2 + 6
2 + 7
2 + 8

5 + 2
2 + 7
3 + 2
2 + 6

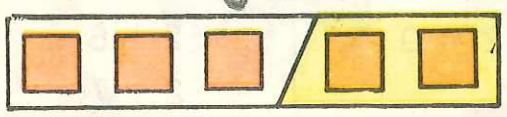
□ − 2

3 − 2 = 1

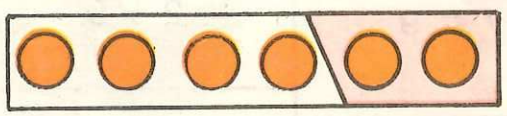




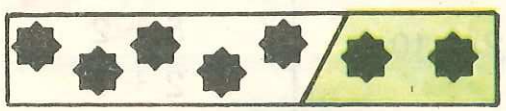
4 − 2 = 2



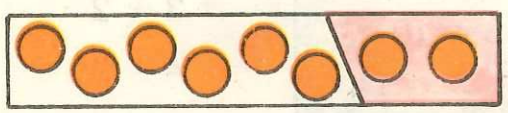
5 − 2 = 3



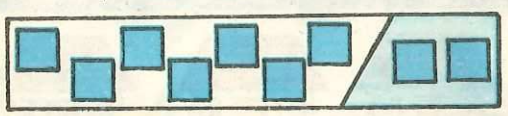
6 − 2 = 4



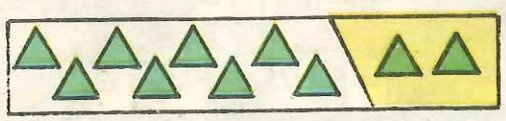
7 − 2 = 5



8 − 2 = 6



9 − 2 = 7



10 − 2 = 8

3 − 2
4 − 2
5 − 2
6 − 2
7 − 2
8 − 2
9 − 2
10 − 2

5 + 2
5 − 2
8 + 2
8 − 2
3 + 2
3 − 2

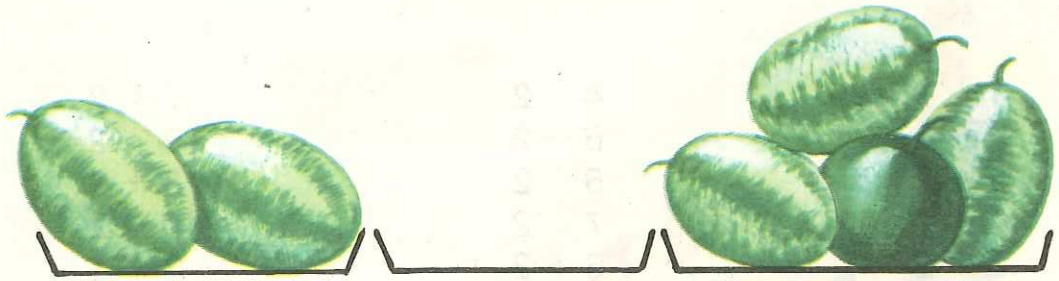
?

1 + 2	4 + 2	7 + 2
3 − 2	6 − 2	9 − 2
2 + 2	5 + 2	8 + 2
4 − 2	7 − 2	10 − 2
3 + 2	6 + 2	3 + 1
5 − 2	8 − 2	3 − 1

4 + 2 = ?

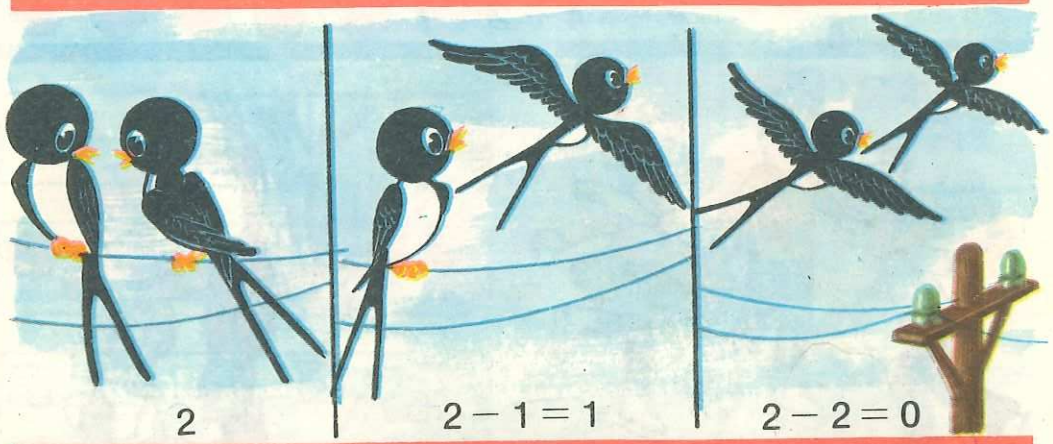
5 − 2 = ?

0



2 0 4

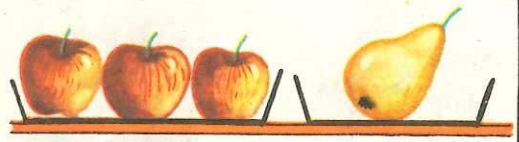
5 4 3 2 1 0



2 $2-1=1$ $2-2=0$

$2-1=?$ $2-2=?$ $1-1=?$

$\square + 0$



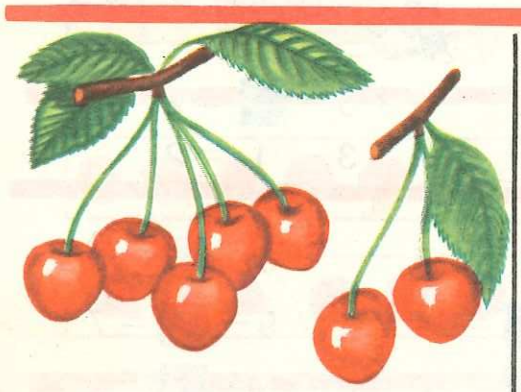
$3+1=4$

$0 + \square$

$3+0=3$

$2+3=5$

$0+3=3$



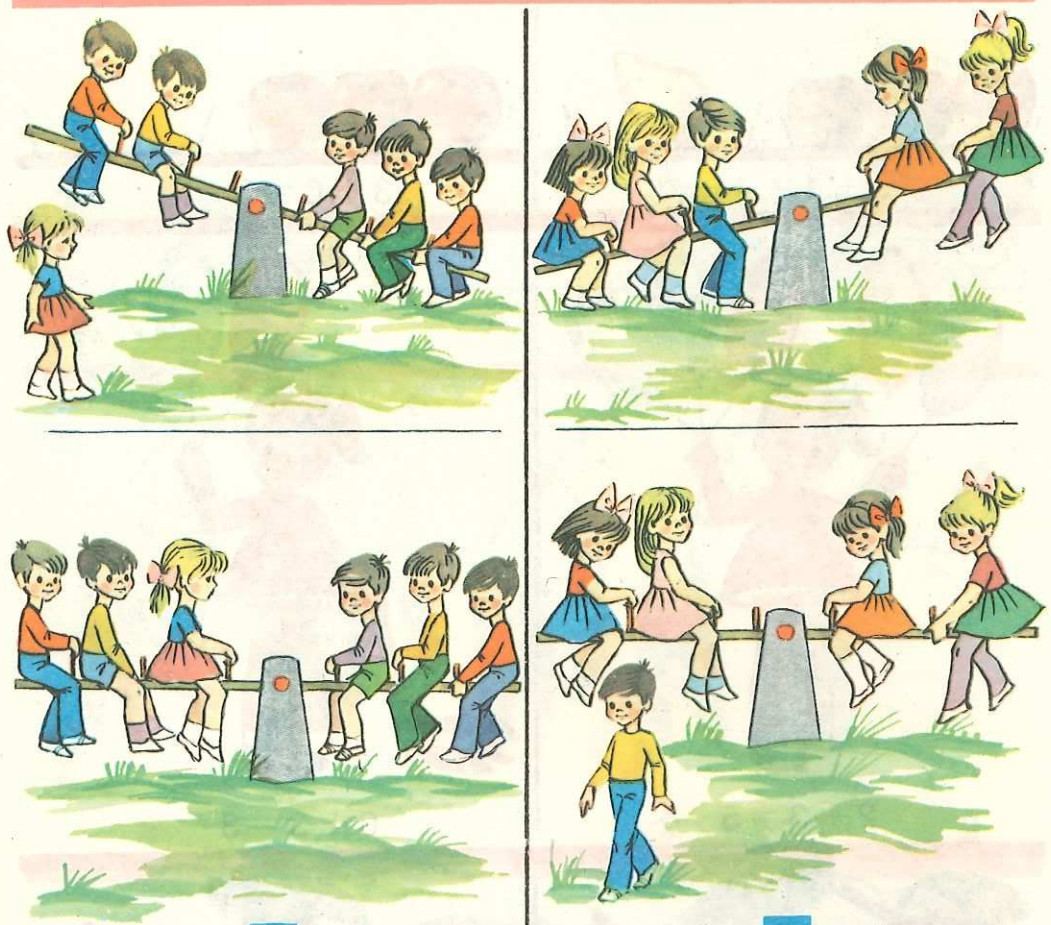
$5+2=7$

$0+0=0$

$1-1=?$
$2-2=?$
$5+0=?$

$0+2=?$
$0+0=?$
$3-3=?$

?



$2 + \square = 3$

$2 + 1 = 3$

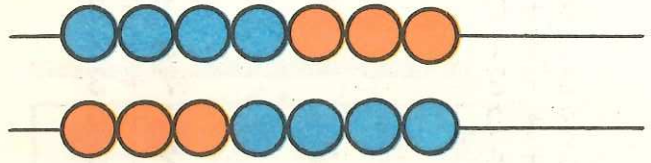
$3 - \square = 2$

$3 - 1 = 2$

$5 + \square = 5$	$\square + 1 = 5$	$6 - \square = 5$
$5 + \square = 6$	$2 + \square = 4$	$9 - \square = 7$
$5 + \square = 7$	$10 + \square = 10$	$5 - \square = 3$
$8 + \square = 8$	$1 + \square = 3$	$10 - \square = 9$
$8 + \square = 9$	$\square + 1 = 7$	$5 - \square = 3$
$8 + \square = 10$	$\square + 0 = 4$	$2 - \square = 0$

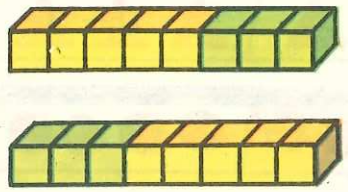
$\square + 3$ $\quad$ $3 + \square$

$3 + 3 = 6$



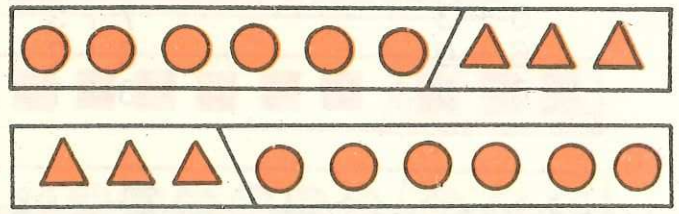
$4 + 3 = 7$

$3 + 4 = 7$



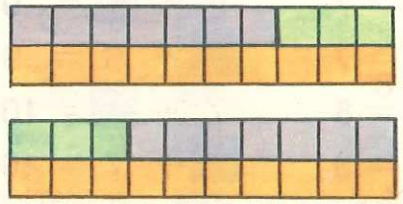
$5 + 3 = 8$

$3 + 5 = 8$



$6 + 3 = 9$

$3 + 6 = 9$



$7 + 3 = 10$

$3 + 7 = 10$

?

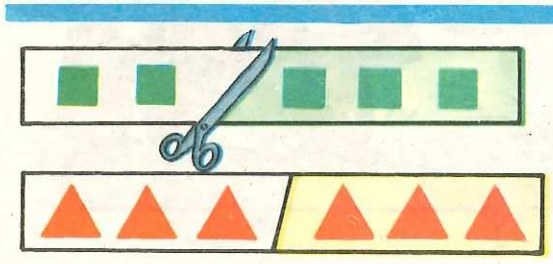
0 + 3	3 + 0	1 + 3
1 + 3	3 + 1	5 + 3
2 + 3	3 + 2	7 + 3
3 + 3	3 + 3	3 + 0
4 + 3	3 + 4	2 + 3
5 + 3	3 + 5	4 + 3
6 + 3	3 + 6	6 + 3
7 + 3	3 + 7	0 + 3

4 + 3	5 − 2	2 + 6
8 − 2	10 − 2	8 − 2
3 + 3	0 + 3	7 + 3
1 + 2	6 + 0	9 − 2
7 + 2	6 + 3	6 + 1

1 + □ = 4	4 + □ = 7	6 + □ = 9
□ + 1 = 4	□ + 4 = 7	□ + 6 = 9
2 + □ = 5	5 + □ = 8	7 + □ = 10
□ + 2 = 5	□ + 5 = 8	□ + 7 = 10

□ − 3

4 − 3 = 1

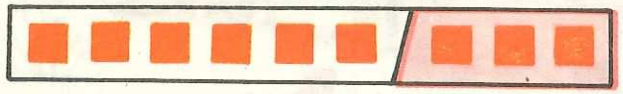


5 − 3 = 2

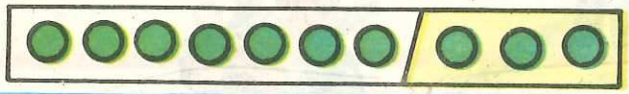
6 − 3 = 3

7 − 3 = 4

8 − 3 = 5



9 − 3 = 6

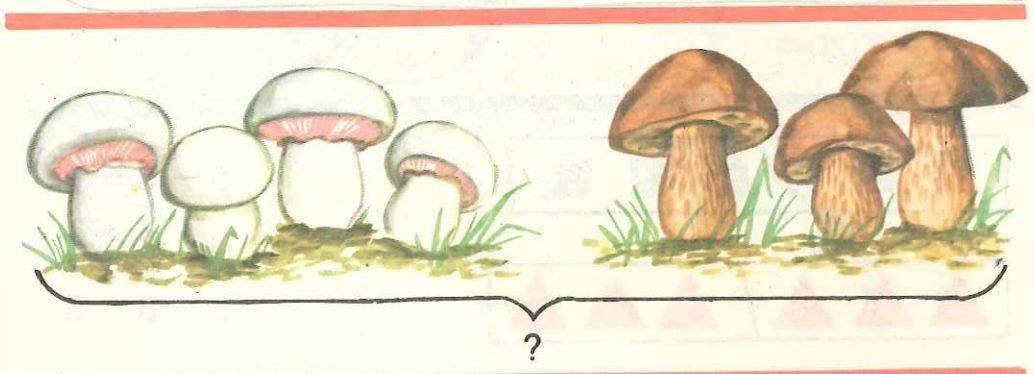


10 − 3 = 7

3 − 3 = □	7 − 3 = □	8 − 3 = □
4 − 3 = □	8 − 3 = □	5 − □ = 2
5 − 3 = □	9 − 3 = □	□ − 3 = 3
6 − 3 = □	10 − 3 = □	9 − 3 = □

?

0 + 3	3 + 3	6 + 3	2 + □ = 5
3 − 3	6 − 3	9 − 3	6 − □ = 3
1 + 3	4 + 3	7 + 3	□ + 4 = 7
4 − 3	7 − 3	10 − 3	□ + 7 = 10
2 + 3	5 + 3	8 + 2	5 + □ = 6
5 − 3	8 − 3	7 + 3	□ + 1 = 3



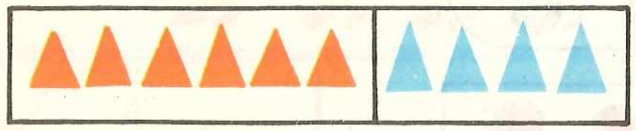
?

8 − 3 = ?

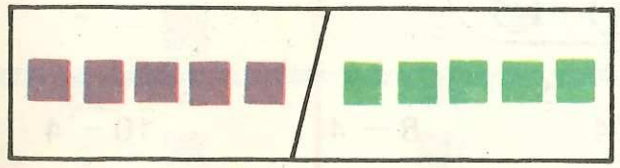
□ + 4 4 + □ □ + 5 5 + □

4 + 4 = 8

5 + 4 = 9
4 + 5 = 9



6 + 4 = 10
4 + 6 = 10



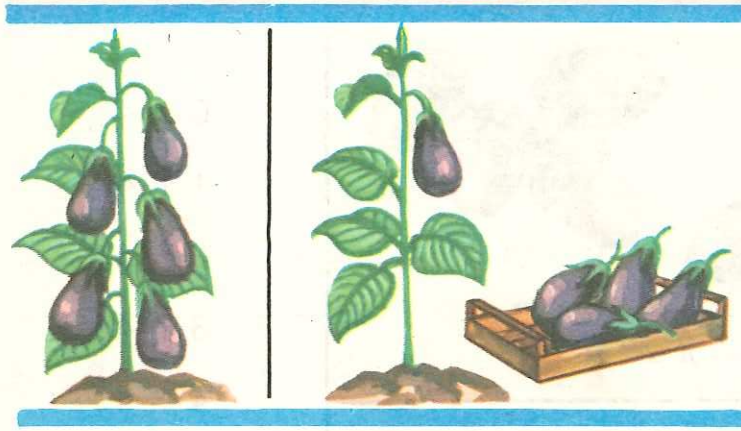
5 + 5 = 10

0 + 4
1 + 4
2 + 4
3 + 4
4 + 4
5 + 4
6 + 4

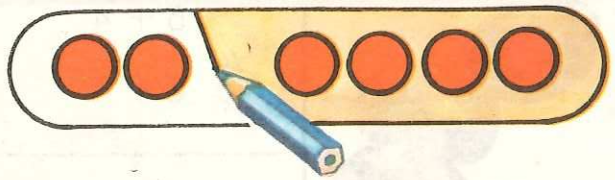
4 + 0
4 + 1
4 + 2
4 + 3
4 + 4
4 + 5
4 + 6

5 + 5

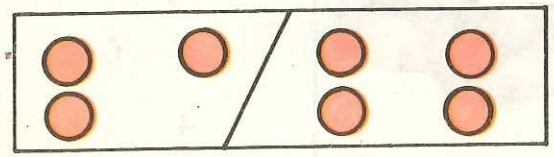
□ − 4



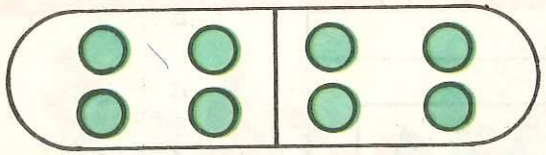
5 − 4 = 1



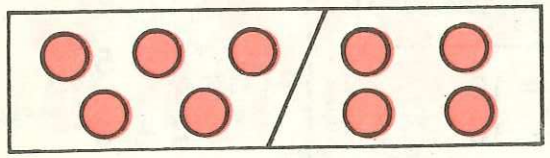
6 − 4 = 2



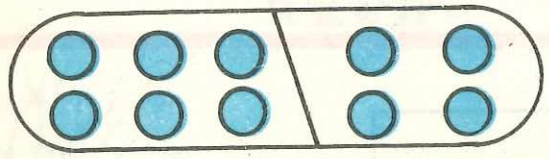
7 − 4 = 3



8 − 4 = 4



9 − 4 = 5



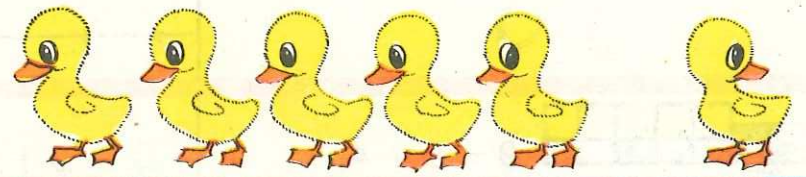
10 − 4 = 6

4 − 4	6 − 4	8 − 4	10 − 4
5 − 4	7 − 4	9 − 4	4 − 4

?

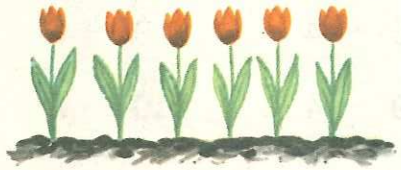
0 + 4	2 + 4	4 + 4	9 − 3
4 − 4	6 − 4	8 − 4	6 + 1
1 + 4	3 + 4	5 + 4	8 − 2
5 − 4	7 − 4	9 − 4	10 − 3

1 + □ = 5	8 + □ = 10	10 − □ = 8
2 + □ = 6	7 + □ = 10	10 − □ = 7
3 + □ = 7	6 + □ = 10	10 − □ = 6



4	5	6
3 + 1	7 − □	3 + □
□ + 3	4 + □	9 − □
5 − □	□ + 1	□ + 2
7 − □	8 − □	6 + □
□ − 2	□ + 2	□ − 1
4 + □	□ − 1	10 − □

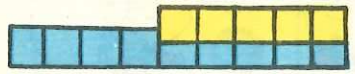
□ − 5



6 − 5 = 1

7 − 5 = 2

8 − 5 = 3



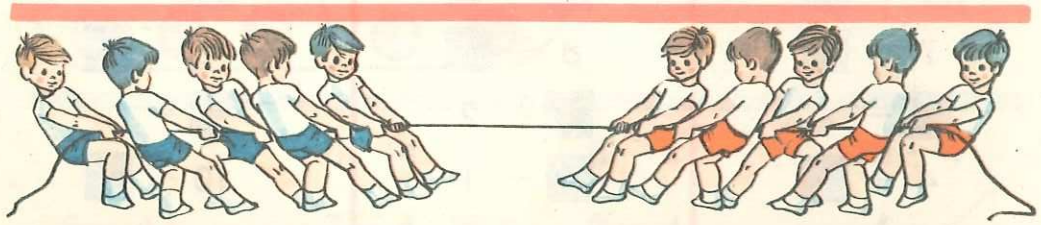
9 − 5 = 4

10 − 5 = 5

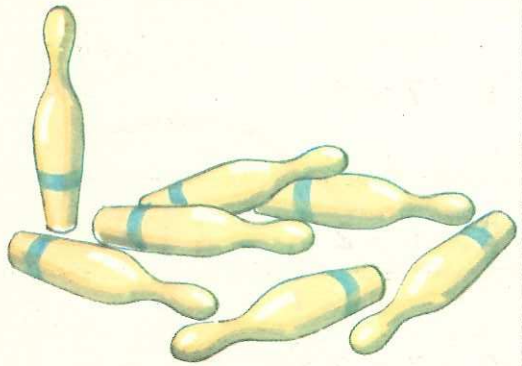
?

5 − 5
6 − 5
7 − 5
8 − 5
9 − 5
10 − 5

0 + 5
1 + 5
2 + 5
3 + 5
4 + 5
5 + 5

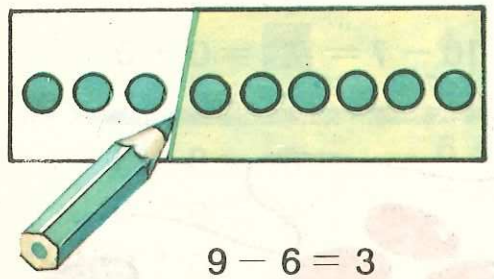


□ − 6

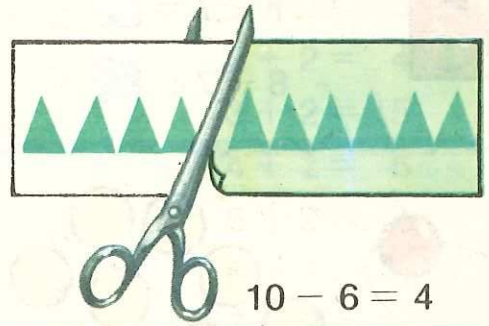


7 − 6 = 1

8 − 6 = 2



9 − 6 = 3



10 − 6 = 4

?

0 + 6 = ■
1 + 6 = ■
2 + 6 = ■
3 + 6 = ■
4 + 6 = ■

6 − 6 = ■
7 − 6 = ■
8 − 6 = ■
9 − 6 = ■
10 − 6 = ■

6 − ■ = 0
7 − ■ = 1
8 − ■ = 2
9 − ■ = 3
10 − ■ = 4

4 + 5 = ■
9 − ■ = 4
■ − 4 = 5

2 + 6 = ■
8 − ■ = 2
■ − 2 = 6

6 + 4 = ■
10 − ■ = 4
■ − 4 = 6

□ − 7 □ − 8 □ − 9

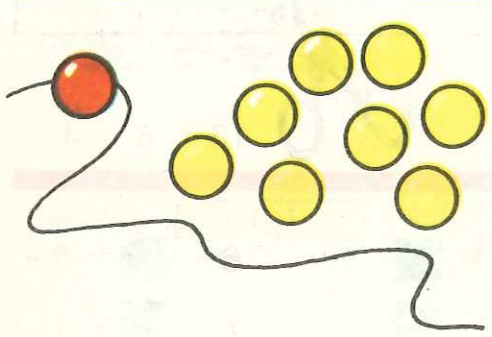
8 − 7 = 1

9 − 7 = 2

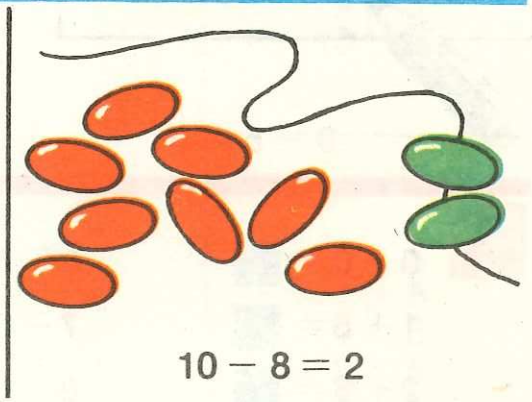
10 − 7 = 3

7 − 7 = ■ 9 − 7 = ■

8 − 7 = ■ 10 − 7 = ■



9 − 8 = 1



10 − 8 = 2

8 − 8 = ■ 9 − 8 = ■ 10 − 8 = ■

10 − 9 = 1

9 − 9 = ■ 10 − 9 = ■ 10 − 10 = ■

Tabla adunării

0 + 0 = 0
1 + 0 = 1
2 + 0 = 2
3 + 0 = 3
4 + 0 = 4
5 + 0 = 5
6 + 0 = 6
7 + 0 = 7
8 + 0 = 8
9 + 0 = 9
10 + 0 = 10

0 + 1 = 1
1 + 1 = 2
2 + 1 = 3
3 + 1 = 4
4 + 1 = 5
5 + 1 = 6
6 + 1 = 7
7 + 1 = 8
8 + 1 = 9
9 + 1 = 10

0 + 2 = 2
1 + 2 = 3
2 + 2 = 4
3 + 2 = 5
4 + 2 = 6
5 + 2 = 7
6 + 2 = 8
7 + 2 = 9
8 + 2 = 10

0 + 3 = 3
1 + 3 = 4
2 + 3 = 5
3 + 3 = 6
4 + 3 = 7
5 + 3 = 8
6 + 3 = 9
7 + 3 = 10

0 + 4 = 4
1 + 4 = 5
2 + 4 = 6
3 + 4 = 7
4 + 4 = 8
5 + 4 = 9
6 + 4 = 10

0 + 5 = 5
1 + 5 = 6
2 + 5 = 7
3 + 5 = 8
4 + 5 = 9
5 + 5 = 10

$0 + 6 = 6$
$1 + 6 = 7$
$2 + 6 = 8$
$3 + 6 = 9$
$4 + 6 = 10$

$0 + 7 = 7$
$1 + 7 = 8$
$2 + 7 = 9$
$3 + 7 = 10$

$0 + 8 = 8$
$1 + 8 = 9$
$2 + 8 = 10$

$0 + 9 = 9$
$1 + 9 = 10$

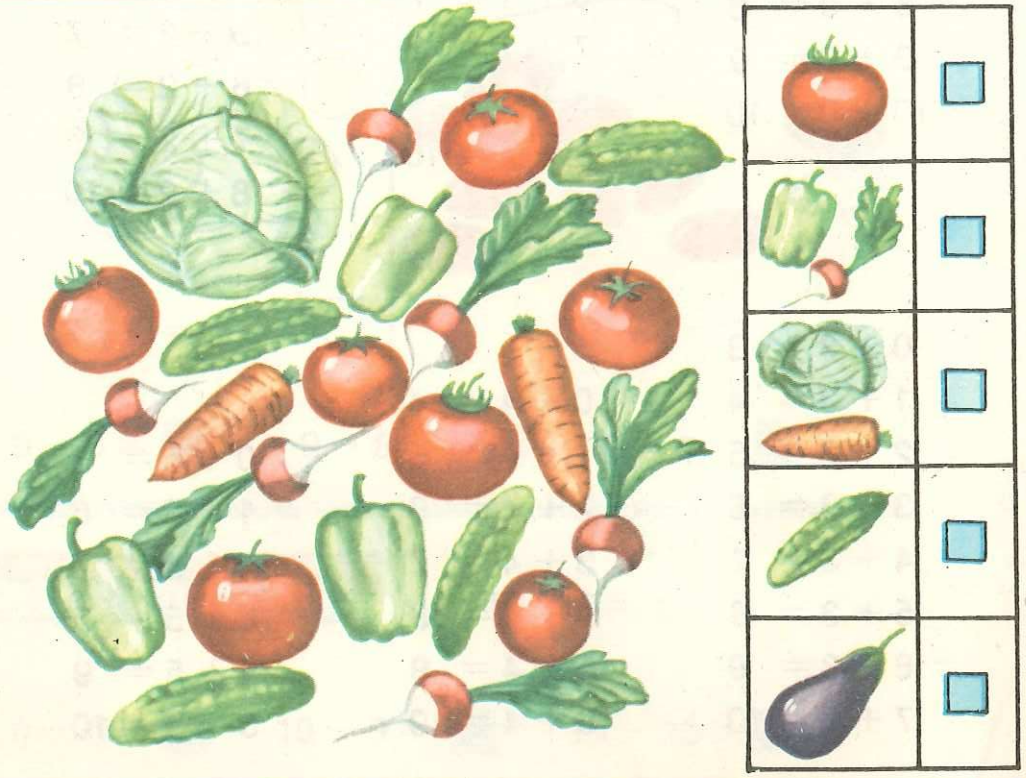


Tabla scăderii

$0 - 0 = 0$
$1 - 0 = 1$ $\quad 1 - 1 = 0$
$2 - 0 = 2$ $\quad 2 - 1 = 1$ $\quad 2 - 2 = 0$
$3 - 0 = 3$ $\quad 3 - 1 = 2$ $\quad 3 - 2 = 1$ $\quad 3 - 3 = 0$
$4 - 0 = 4$ $\quad 4 - 1 = 3$ $\quad 4 - 2 = 2$ $\quad 4 - 3 = 1$
$5 - 0 = 5$ $\quad 5 - 1 = 4$ $\quad 5 - 2 = 3$ $\quad 5 - 3 = 2$
$6 - 0 = 6$ $\quad 6 - 1 = 5$ $\quad 6 - 2 = 4$ $\quad 6 - 3 = 3$
$7 - 0 = 7$ $\quad 7 - 1 = 6$ $\quad 7 - 2 = 5$ $\quad 7 - 3 = 4$
$8 - 0 = 8$ $\quad 8 - 1 = 7$ $\quad 8 - 2 = 6$ $\quad 8 - 3 = 5$
$9 - 0 = 9$ $\quad 9 - 1 = 8$ $\quad 9 - 2 = 7$ $\quad 9 - 3 = 6$
$10 - 0 = 10$ $\quad 10 - 1 = 9$ $\quad 10 - 2 = 8$ $\quad 10 - 3 = 7$

$4 - 4 = 0$
$5 - 4 = 1$ $\quad 5 - 5 = 0$
$6 - 4 = 2$ $\quad 6 - 5 = 1$ $\quad 6 - 6 = 0$
$7 - 4 = 3$ $\quad 7 - 5 = 2$ $\quad 7 - 6 = 1$ $\quad 7 - 7 = 0$
$8 - 4 = 4$ $\quad 8 - 5 = 3$ $\quad 8 - 6 = 2$ $\quad 8 - 7 = 1$
$9 - 4 = 5$ $\quad 9 - 5 = 4$ $\quad 9 - 6 = 3$ $\quad 9 - 7 = 2$
$10 - 4 = 6$ $\quad 10 - 5 = 5$ $\quad 10 - 6 = 4$ $\quad 10 - 7 = 3$

$8 - 8 = 0$
$9 - 8 = 1$ $\quad 9 - 9 = 0$
$10 - 8 = 2$ $\quad 10 - 9 = 1$ $\quad 10 - 10 = 0$

Proba adunării (prin scădere)

$2 + 3 = 5$

$5 - 3 = 2$

$5 - 2 = 3$

$2 + 5 = 7$ $\quad 3 + 4 = \square$ $\quad 4 + 6 = \square$ $\quad 2 + 7 = \square$

$7 - 5 = 2$ $\quad \square - 4 = 3$ $\quad \square - 6 = \square$ $\quad \square - \square = \square$

$7 - 2 = 5$ $\quad \square - 3 = 4$ $\quad \square - 4 = \square$ $\quad \square - \square = \square$

Proba scăderii (prin adunare)

$3 - 1 = 2$

$2 + 1 = 3$

$10 - 3 = 7$ $\quad 6 - 4 = \square$ $\quad 8 - 6 = \square$ $\quad 7 - 5 = \square$

$7 + 3 = 10$ $\quad \square + 4 = 6$ $\quad \square + 6 = \square$ $\quad \square + \square = \square$

① $2 + 1 = \square$ $\quad 4 + 6 = \square$

$3 + 4 = \square$ $\quad 7 + 2 = \square$

② $7 - 3 = \square$ $\quad 5 - 3 = \square$

$10 - 5 = \square$ $\quad 8 - 7 = \square$

③ $2 + 7 = \square$ $\quad 6 - 6 = \square$

$10 + 0 = \square$ $\quad 10 - 0 = \square$

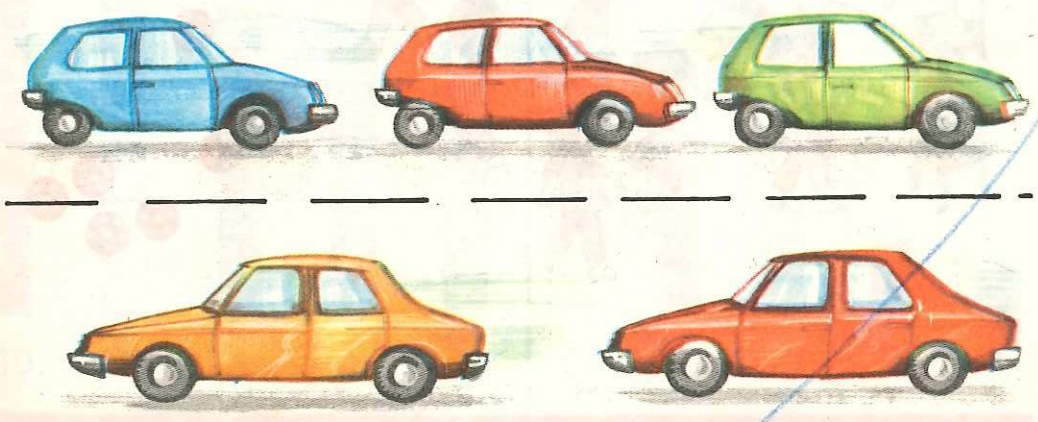
④ $5 + \square = 8$

$\square + 7 = 10$

⑤ $\square - 6 = 1$

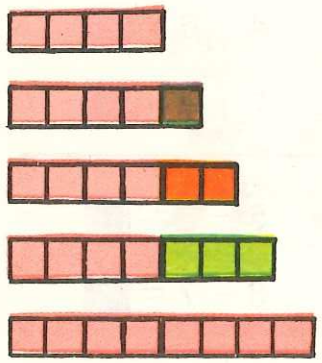
$9 - \square = 3$

⑥



⑦ $\square + \square = \square$

⑧ $\square - \square = \square$



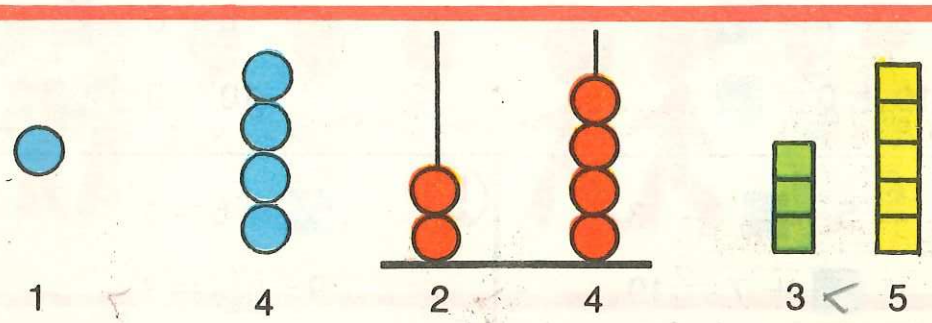
$4 + 0 = 4$

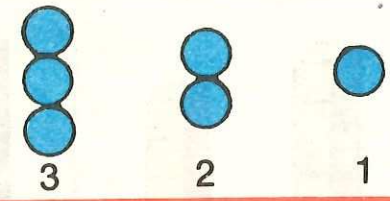
$4 + 1 = 5$

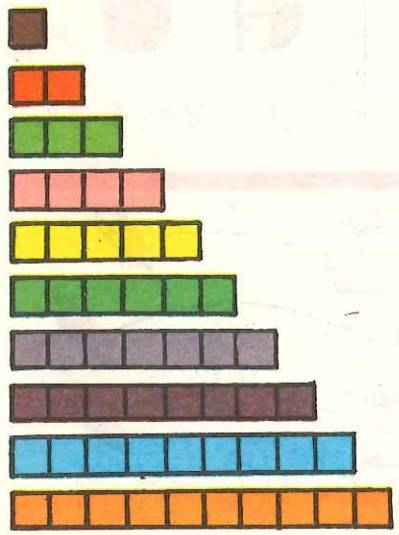
$4 + 2 = 6$

$4 + 3 = 7$

$4 + 4 = 8$







$1 = 1 + 0$

$2 = 1 + 1$

$3 = 2 + 1$

$4 = 3 + 1$

$5 = 4 + 1$

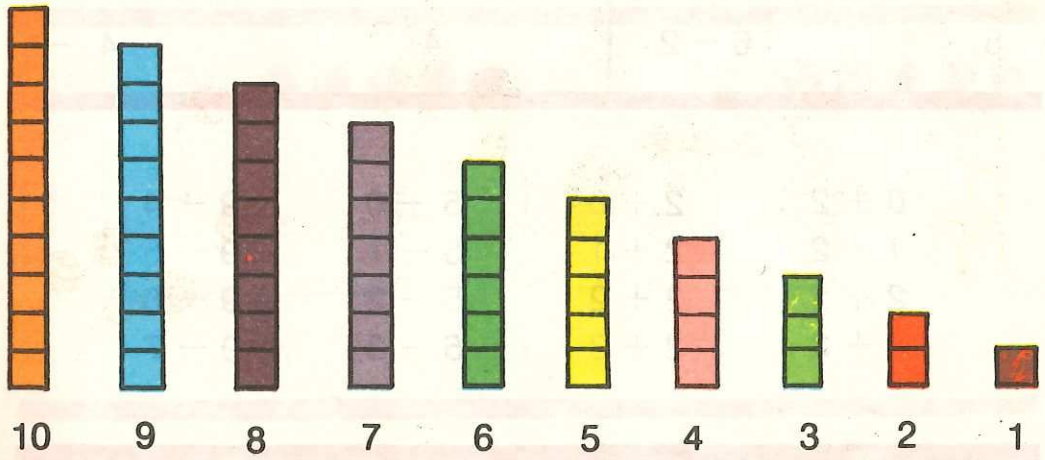
$6 = 5 + 1$

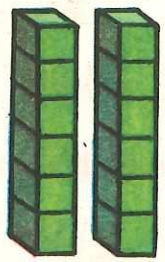
$7 = 6 + 1$

$8 = 7 + 1$

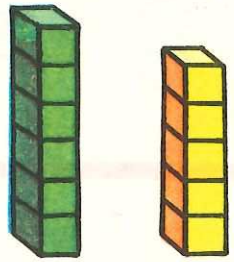
$9 = 8 + 1$

$10 = 9 + 1$

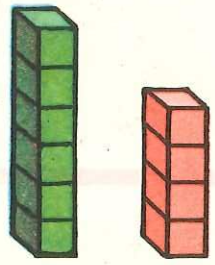




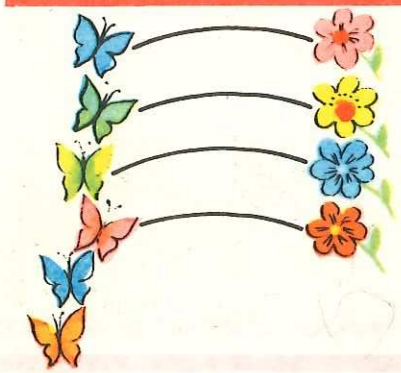
$6 - 0 = 6$



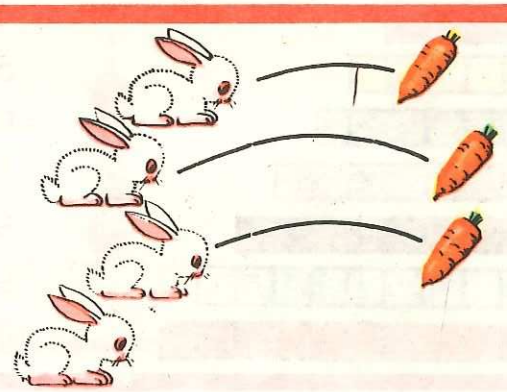
$6 - 1 = 5$



$6 - 2 = 4$

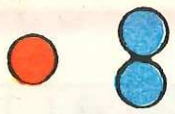


6 $\quad$ $6 - 2$

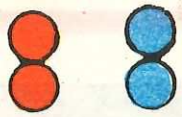


4 $\quad$ $4 - 1$

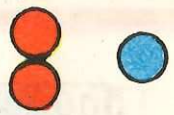
$0 + 2$	$2 + 0$	$5 - 0$	$9 - 4$
$1 + 2$	$2 + 1$	$5 - 1$	$9 - 5$
$2 + 2$	$2 + 2$	$5 - 2$	$9 - 6$
$3 + 2$	$2 + 3$	$5 - 3$	$9 - 7$



$1 < 2$



$2 = 2$



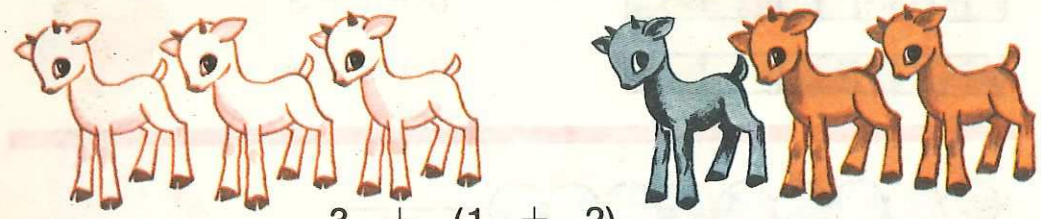
$2 > 1$

$\square + \square + \square = \square$

$3 + 1 + 2$

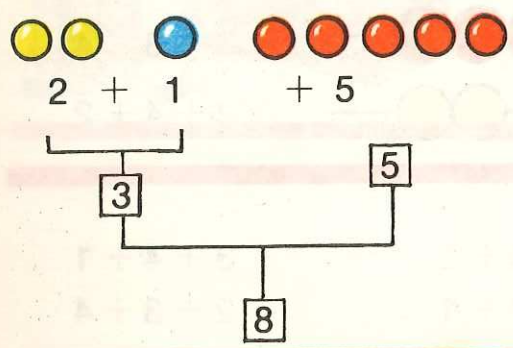
$(3 + 1) + 2$

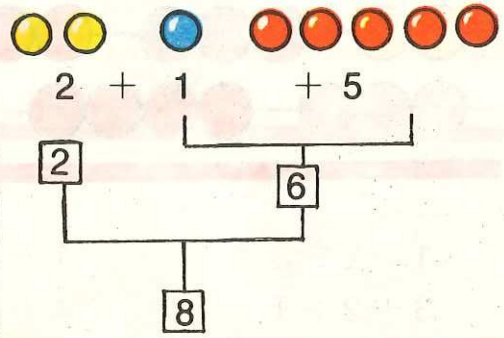
$4 + 2 = 6$



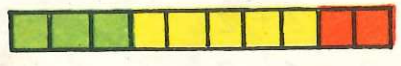
$3 + (1 + 2)$

$3 + 3 = 6$



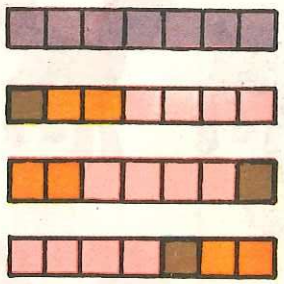


$3 + 5 + 2$



$3 + 5 + 2$

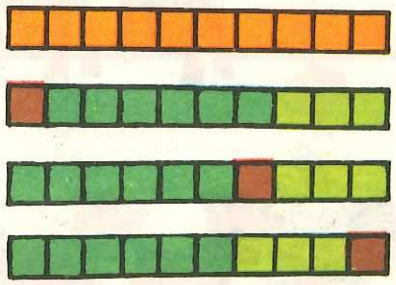
?



1 + 2 + 4

2 + 4 + 1

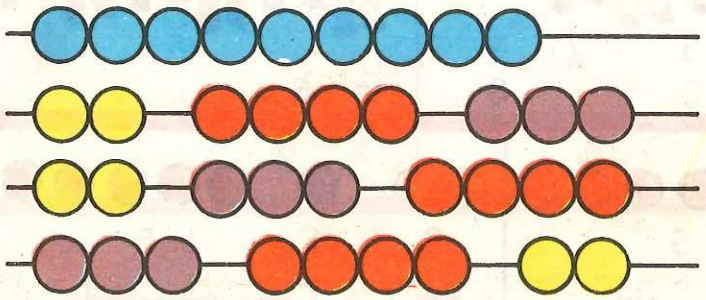
4 + 1 + 2



1 + 6 + 3

6 + 1 + 3

6 + 3 + 1



2 + 4 + 3

2 + 3 + 4

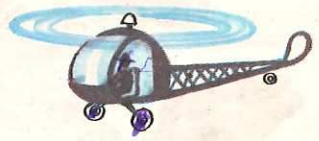
3 + 4 + 2

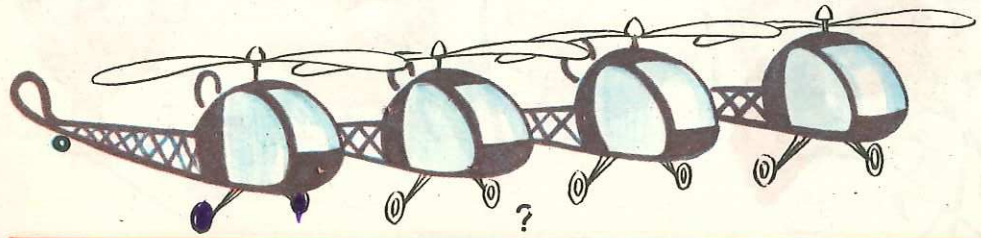
1 + 2 + 3	1 + 4 + 2	3 + 4 + 1
3 + 2 + 1	4 + 2 + 1	2 + 3 + 4
2 + 3 + 1	2 + 1 + 4	1 + 5 + 3
1 + 3 + 2	2 + 4 + 1	2 + 5 + 3
3 + 1 + 2	4 + 1 + 2	3 + 1 + 4
2 + 1 + 3	1 + 2 + 4	2 + 3 + 5

Probleme

?

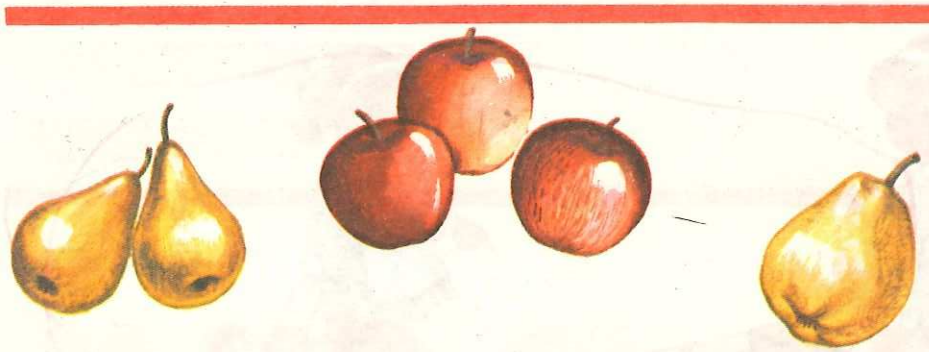
?





?

?



?

?

1

$4 + 2 + 3 = \square$

$1 + 4 + 4 = \square$

2

$6 + 1 - 2 = \square$

$5 + 3 - 7 = \square$

3

$9 - 6 - 2 = \square$

$6 - 2 - 2 = \square$

4

$10 - 8 + 1 = \square$

$8 - 6 + 3 = \square$

5

$1 + 0 + 9 = \square$

$8 - 0 + 1 = \square$

6

$1 + 2 + \square = 6$

$\square + 3 + 4 = 9$

$4 + \square + 2 = 7$

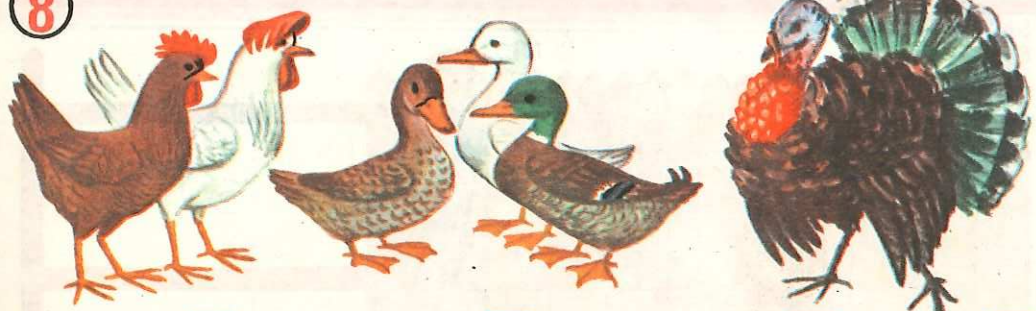
7

$8 - 2 - \square = 5$

$7 - \square - 1 = 4$

$\square - 3 - 3 = 0$

8

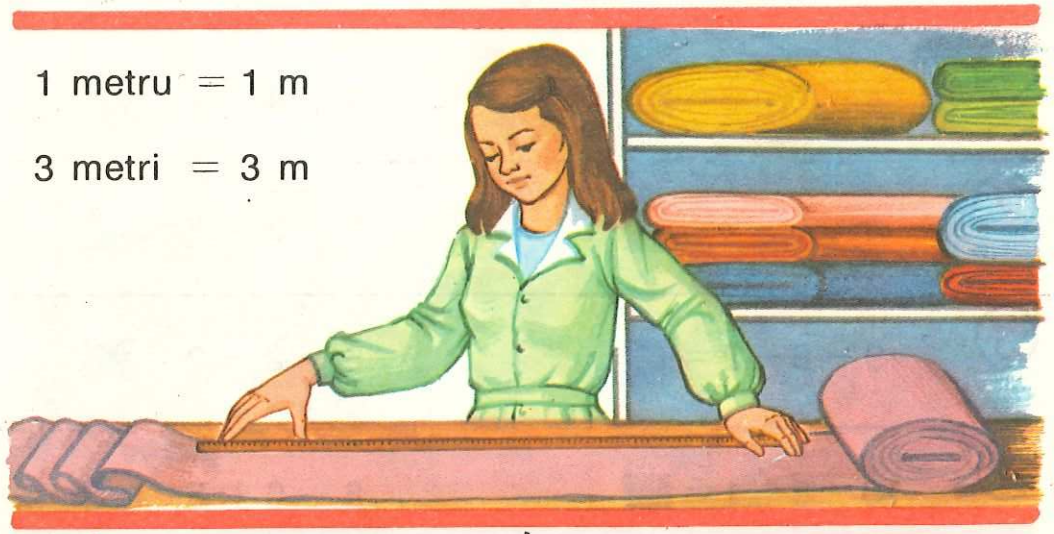


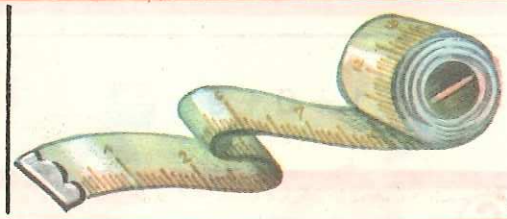
$\square + \square + \square = \square$

Metrul

1 metru = 1 m

3 metri = 3 m

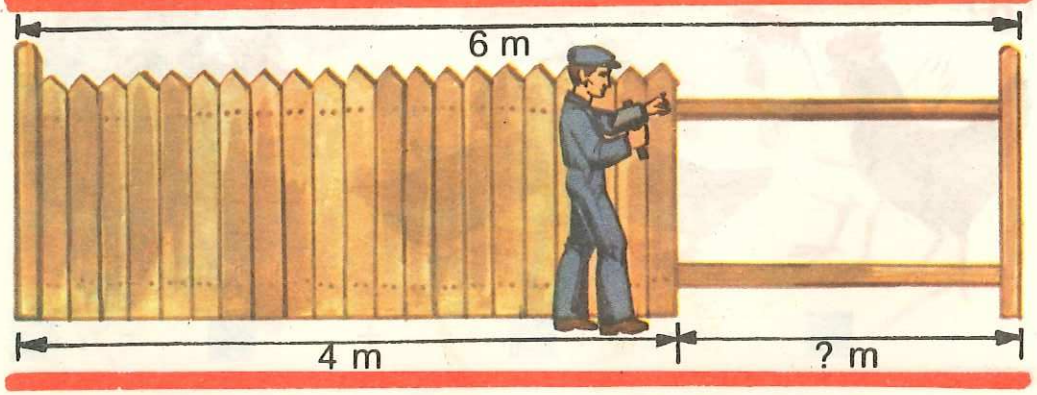




?

3 m + 2 m = 5 m
5 m + 3 m = ? m
2 m + 6 m = ? m
4 m + 5 m = ? m
7 m + 3 m = ? m

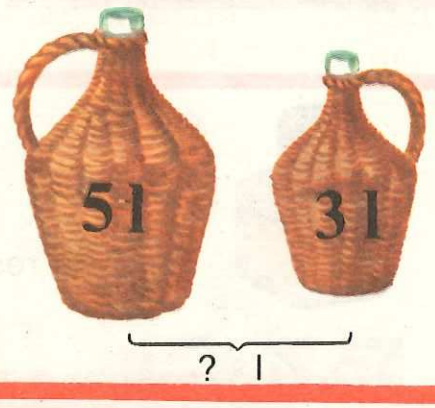
10 m − 5 m = ? m
8 m − 4 m = ? m
9 m − 6 m = ? m
7 m − 3 m = ? m
6 m − 2 m = ? m



Litrul

1 litru = 1 l

4 litri = 4 l

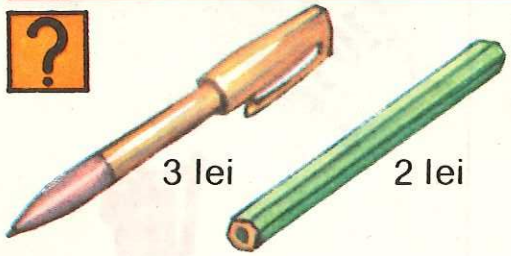


3 l + 4 l = 7 l
4 l + 2 l = ? l
2 l + 3 l = ? l
6 l + 3 l = ? l
2 l + 8 l = ? l

10 l − 5 l = 5 l
8 l − 6 l = ? l
5 l − 5 l = ? l
7 l − 2 l = ? l
9 l − 5 l = ? l

Leul

?



? lei

? lei rest

4 lei + 5 lei = 9 lei

3 lei + 2 lei = ? lei

5 lei + 3 lei = ? lei

8 lei − 6 lei = 2 lei

10 lei − 5 lei = ? lei

7 lei − 4 lei = ? lei

① 2 m + 4 m = ■ m 5 l + 2 l = ■ l

3 m + 5 m = ■ m 6 l + 3 l = ■ l

② 6 m − 2 m = ■ m 8 l − 5 l = ■ l

10 m − 4 m = ■ m 10 l − 6 l = ■ l

③ ■ m + 6 m = 7 m ■ l + 2 l = 4 l

④ 8 m + ■ m = 10 m 6 l + ■ l = 8 l

⑤ 5 m − ■ m = 2 m 7 l − ■ l = 4 l

⑥ ■ m − 4 m = 6 m ■ l − 3 l = 6 l

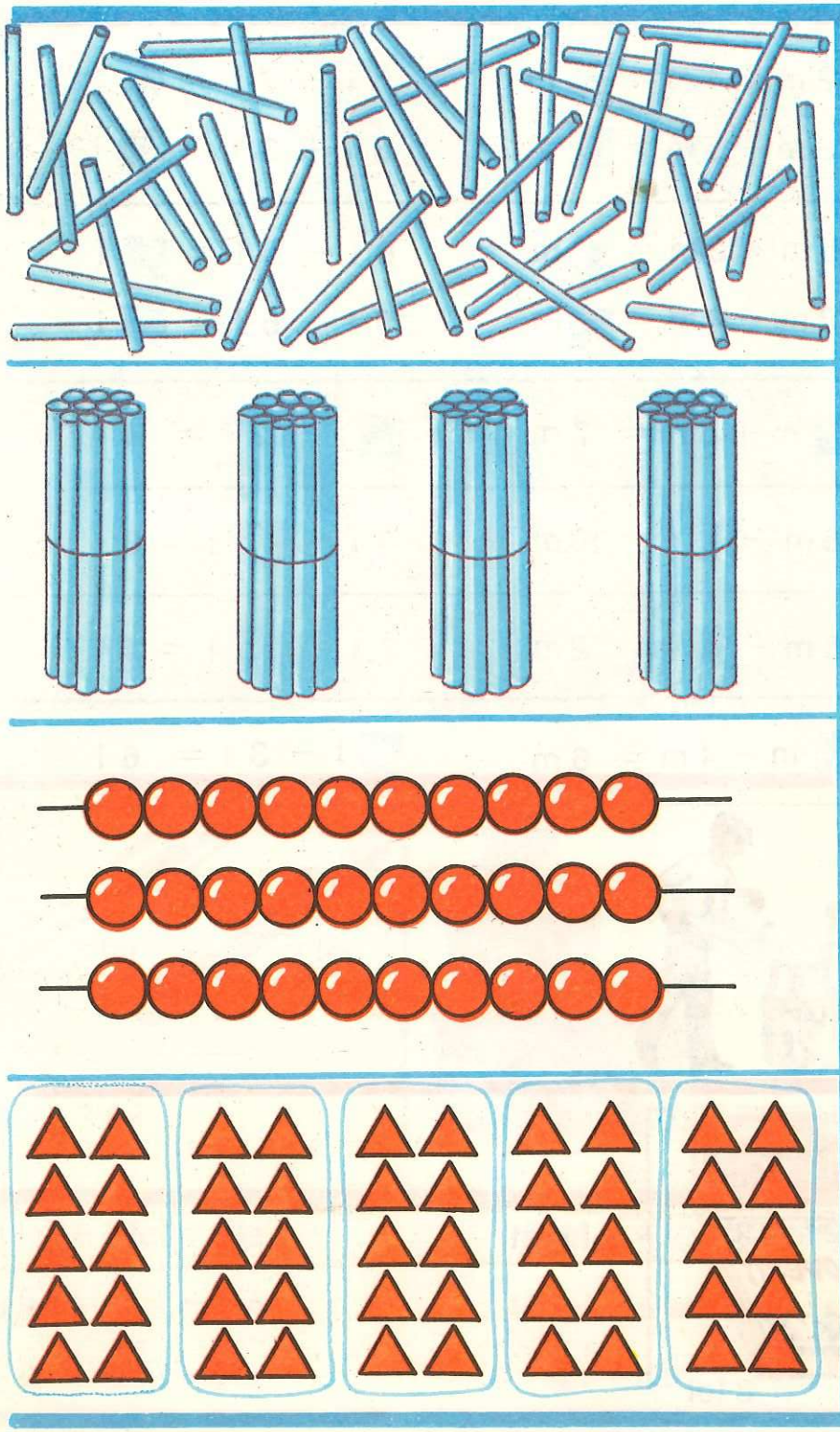
⑦

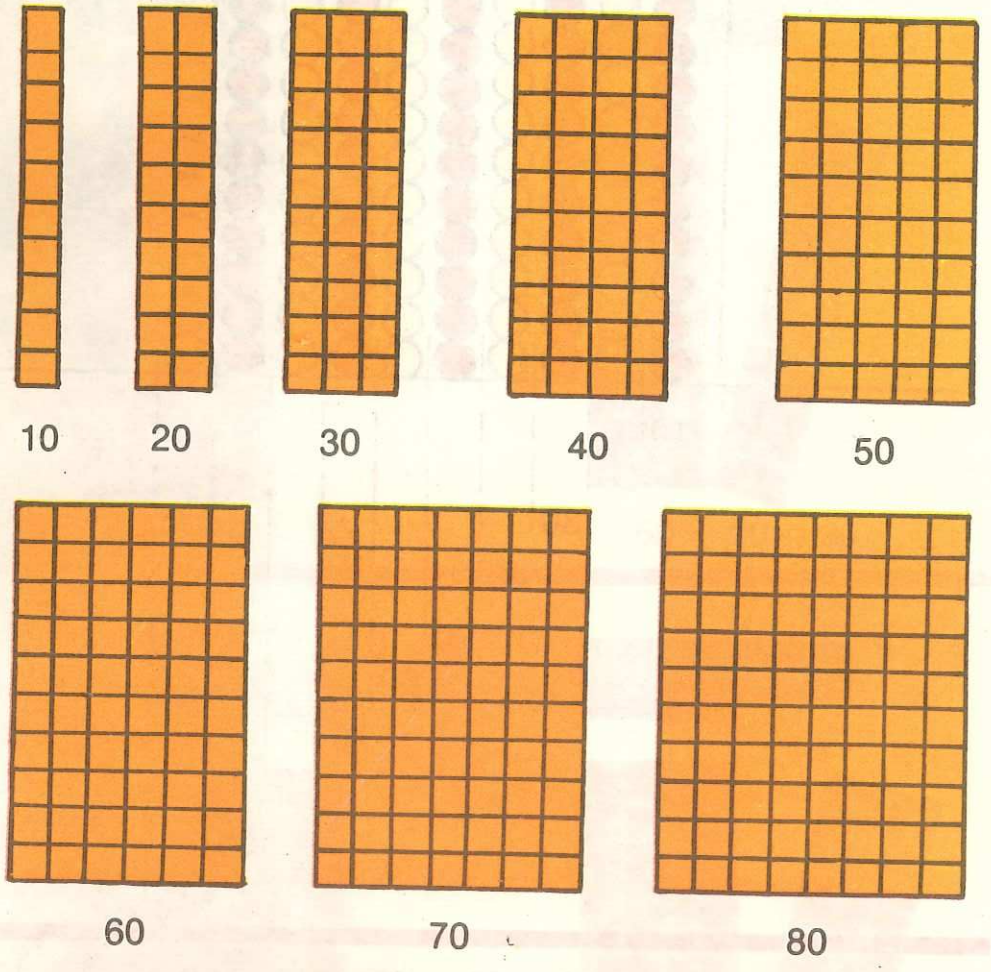
⑧

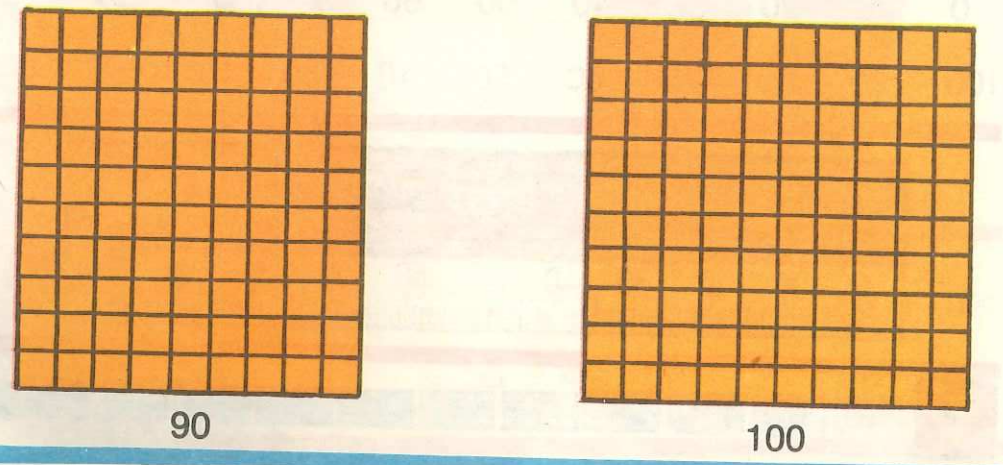
8 lei

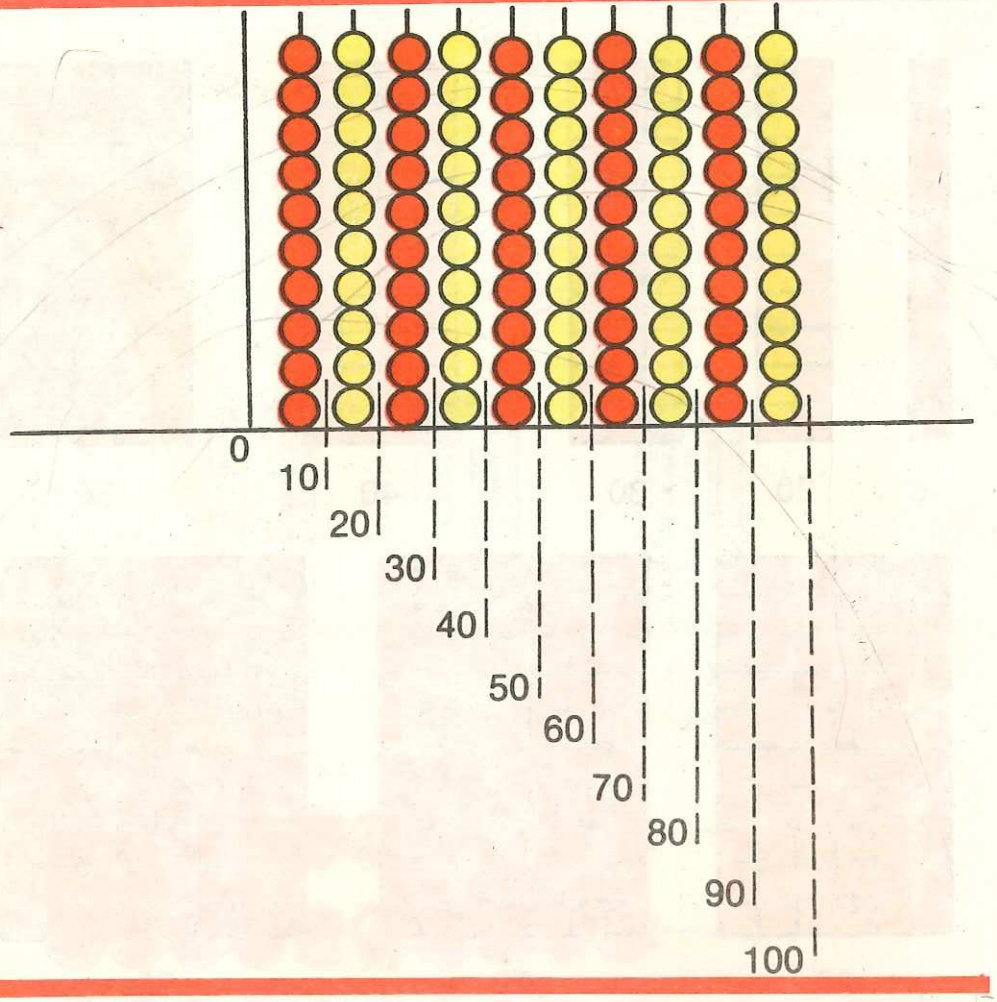
lei rest

10 → 100

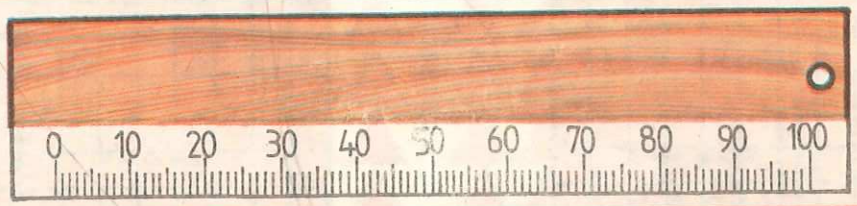






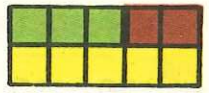


0	10	20	30	40	50	60	70	80	90	100
100	90	80	70	60	50	40	30	20	10	0

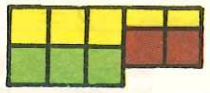


? 0 10 20

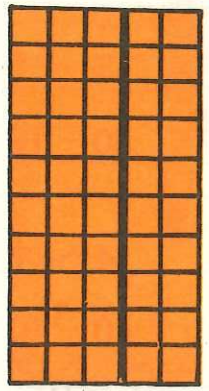
□□ + □□ □□ − □□



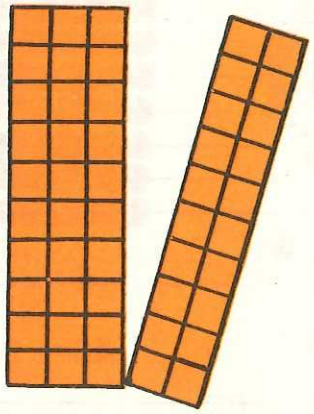
3 + 2
5



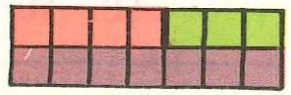
5 − 2
3



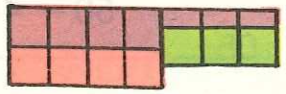
30 + 20 = 50



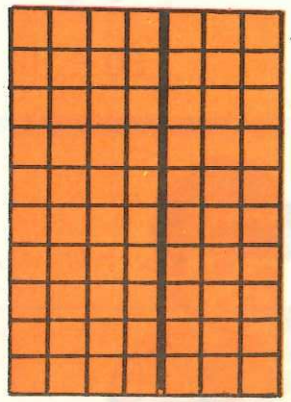
50 − 20 = 30



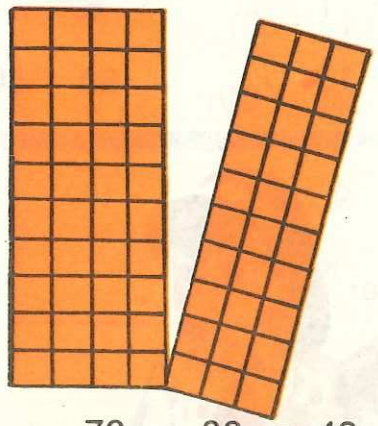
4 + 3
7



7 − 3
4



40 + 30 = 70



70 − 30 = 40

? 1 + 1 5 − 4 2 + 4

10 + 10 50 − 40 20 + 40

?

1 + 1	2 = 1 + ■	2 − 1
10 + 10	20 = 10 + ■	20 − 10
2 + 1	3 = ■ + 1	3 − 1
20 + 10	30 = ■ + 10	30 − 10
3 + 1	4 = 3 + ■	4 − 1
30 + 10	40 = 30 + ■	40 − 10
4 + 1	5 = 4 + ■	5 − 1
40 + 10	50 = 40 + ■	50 − 10
5 + 1	6 = 5 + ■	6 − 1
50 + 10	60 = 50 + ■	60 − 10

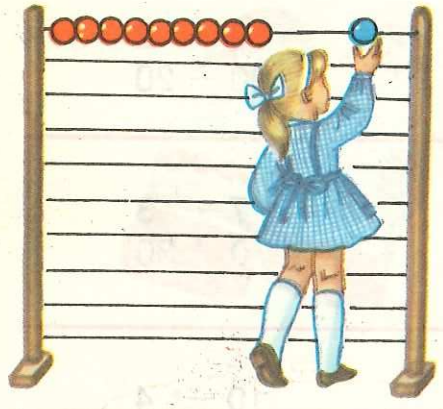
60 lei

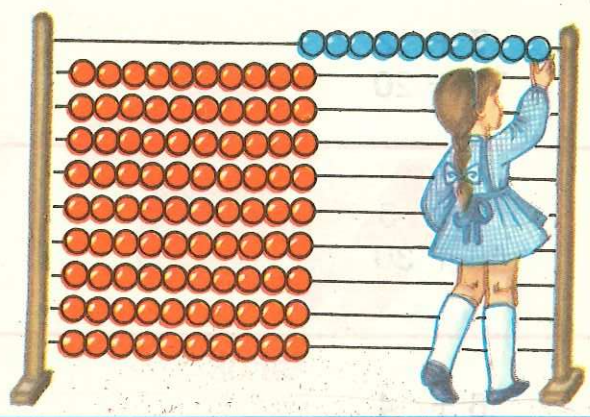
40 lei

? lei

9 + 1 = 10

90 + 10 = 100





7 + 1	7 − 1
70 + 10	70 − 10
8 + 1	8 − 1
80 + 10	80 − 10
9 + 1	10 − 1
90 + 10	100 − 10
2 + 2	2 − 2
20 + 20	20 − 20
4 + 2	6 − 2
40 + 20	60 − 20
8 + 2	10 − 2
80 + 20	100 − 20

?

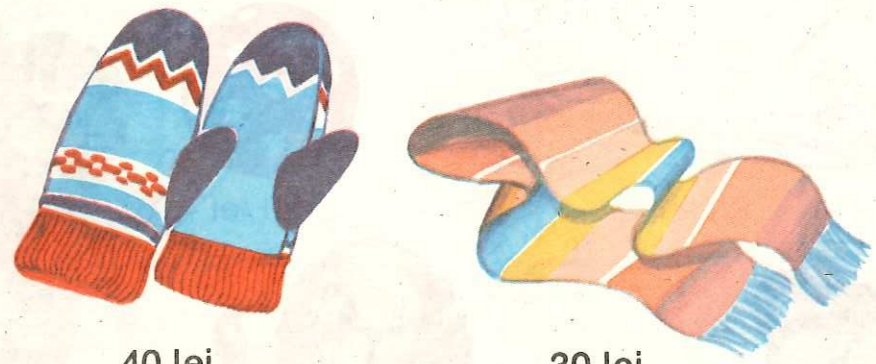
7 + 2 70 + 20	9 − 2 90 − 20
4 + 3 40 + 30	7 − 3 70 − 30
6 + 4 60 + 40	10 − 4 100 − 40

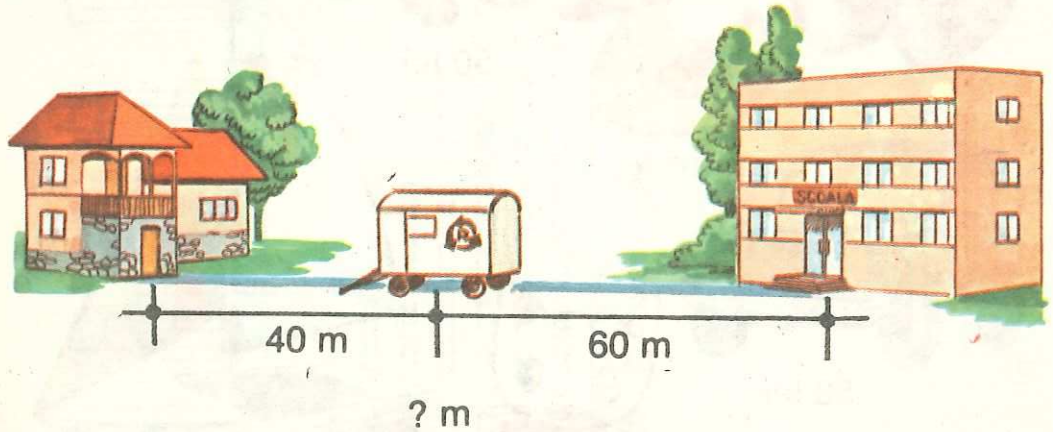
100 = 60 + ■

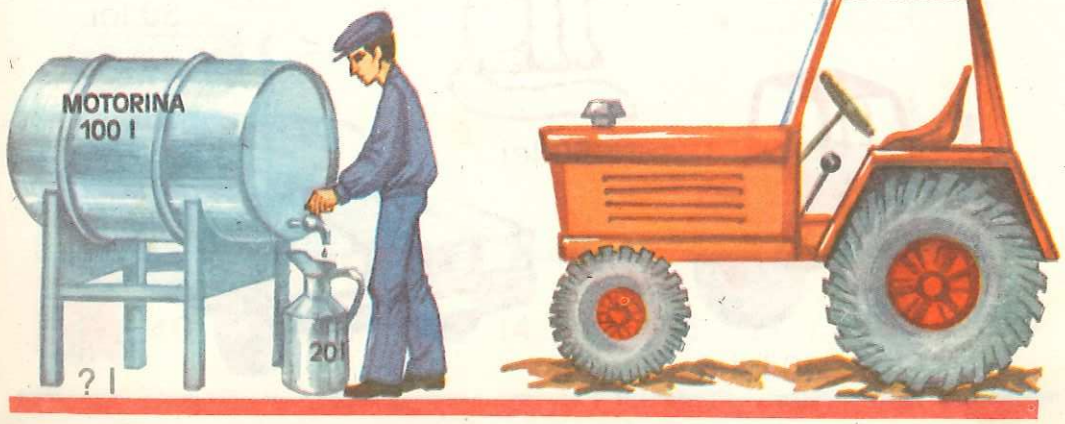
60 = 100 − ■

4 + 2 + 3 40 + 20 + 30	3 + 5 + 2 30 + 50 + 20
8 − 3 − 1 80 − 30 − 10	9 − 4 − 3 90 − 40 − 30
4 + 2 − 3 40 + 20 − 30	5 + 4 − 2 50 + 40 − 20

7 + ■ = 8	6 − ■ = 4	5 + ■ = 9
70 + ■ = 80	60 − ■ = 40	50 + ■ = 90







60 lei

20 lei

80 lei

40 lei

10 lei

50 lei

50 lei

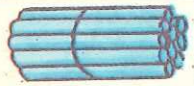
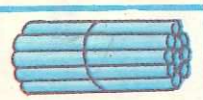
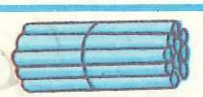
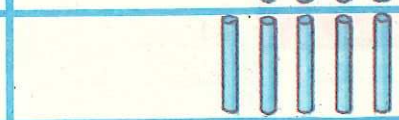
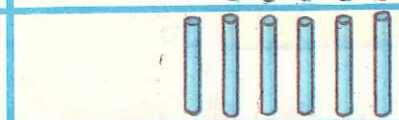
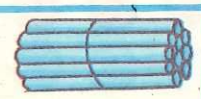
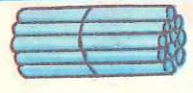
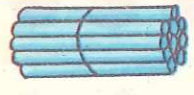
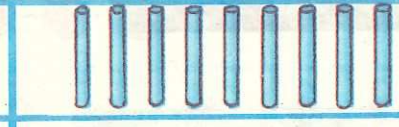
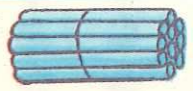
50 lei

30 lei

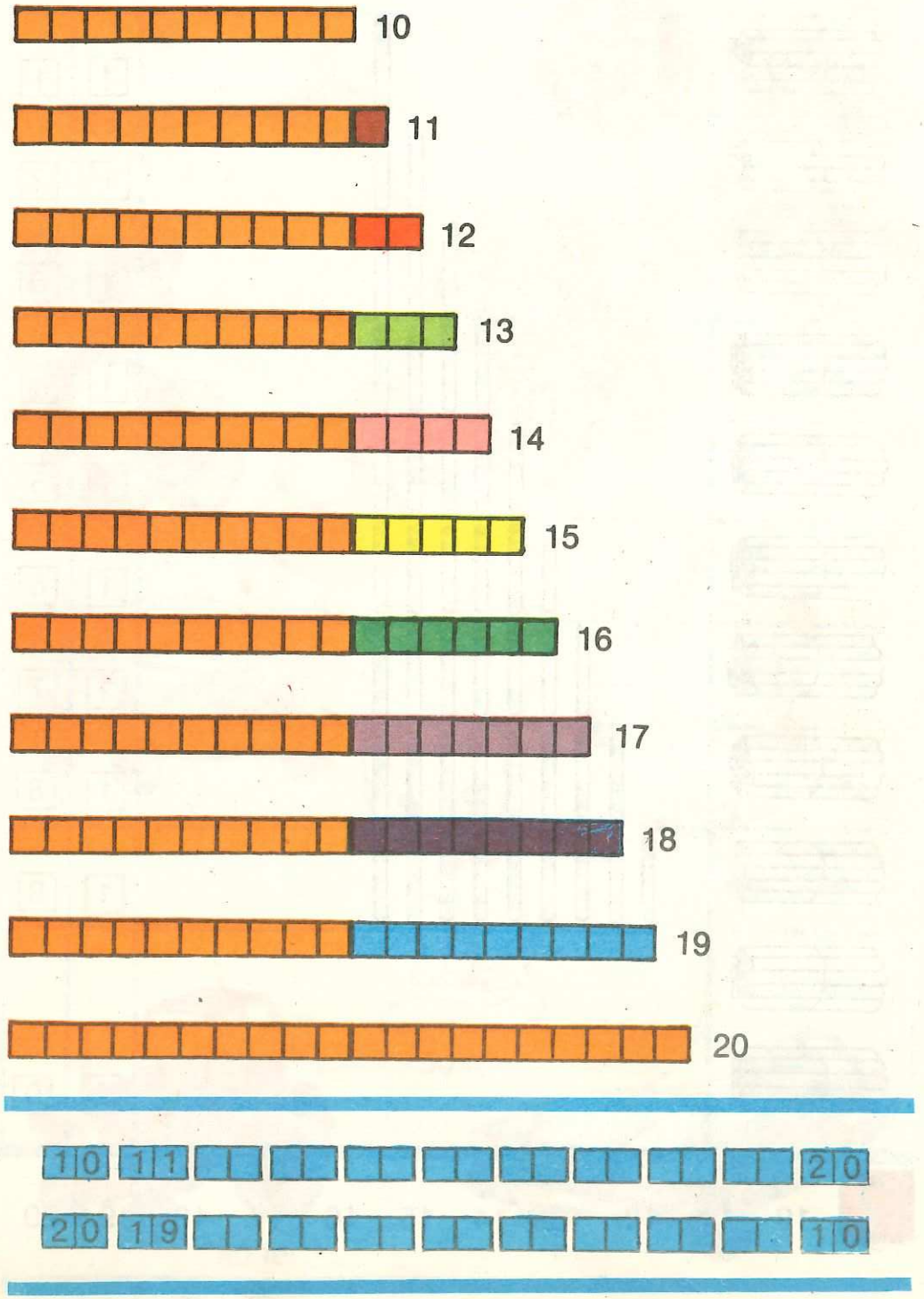
40 lei

70 lei

10 → 20

Zeci	Unități	Z	U
		1	1
		1	2
		1	3
		1	4
		1	5
		1	6
		1	7
		1	8
		1	9
		2	0

? 10 11 12 13 14 15 16 17 18 19 20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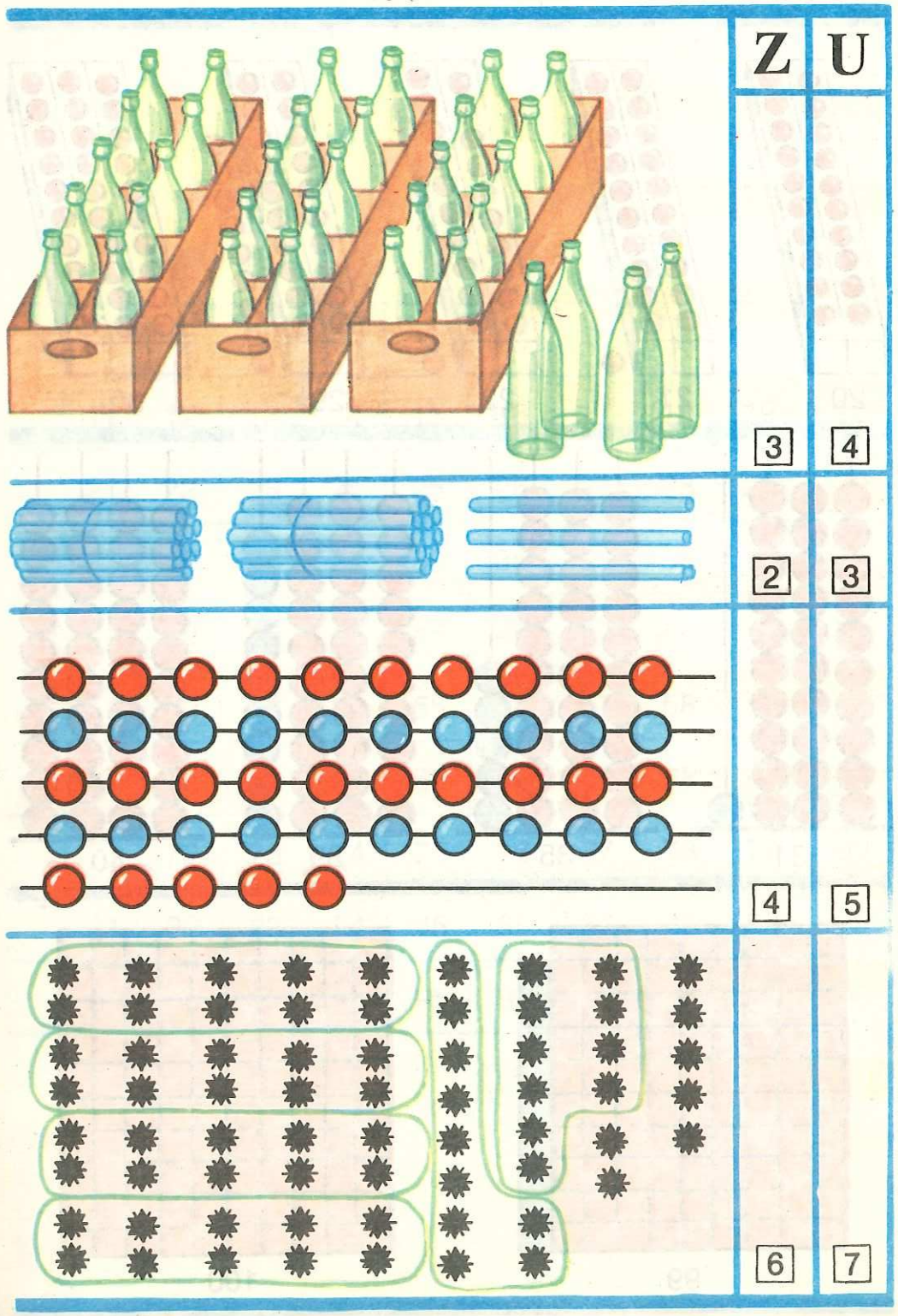
20 19 10


Z
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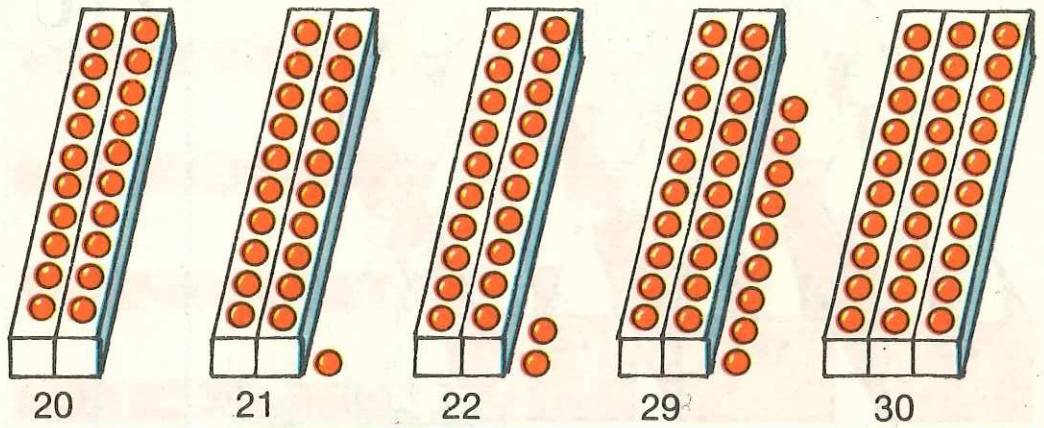
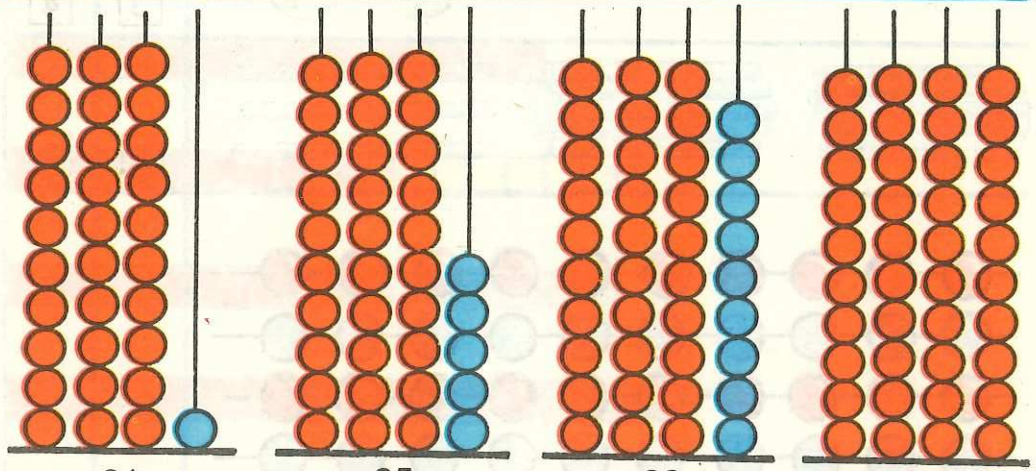
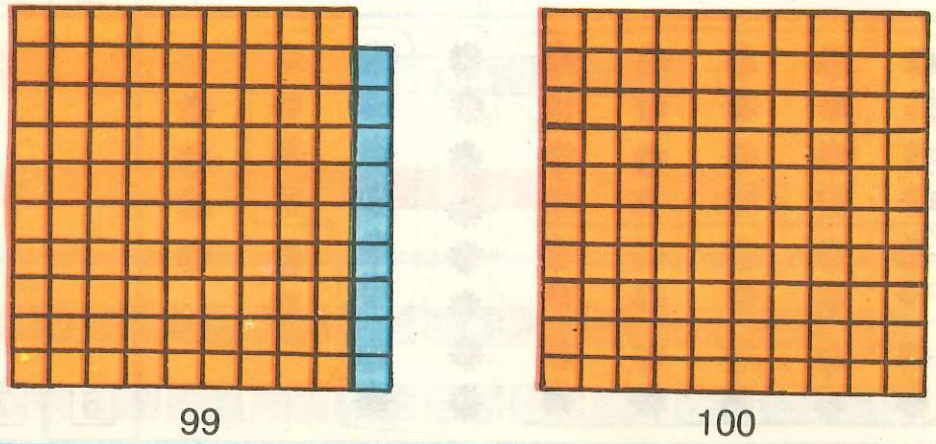


20 21 22 29 30



31 35 39 40



99 100

0	1	2	3	4	5	6	7	8	9	10
	11	12	13	14	15	16	17	18	19	20
	21	22	23	24	25	26	27	28	29	30
	31	32	33	34	35	36	37	38	39	40
	41	42	43	44	45	46	47	48	49	50
	51	52	53	54	55	56	57	58	59	60
	61	62	63	64	65	66	67	68	69	70
	71	72	73	74	75	76	77	78	79	80
	81	82	83	84	85	86	87	88	89	90
	91	92	93	94	95	96	97	98	99	100

1. Scrie numerele:

de la 28 pînă la 31

61 ⟶ 58

47 ⟶ 54

68 ⟶ 72

36 ⟶ 43

82 ⟶ 75

89 ⟶ 100

73 ⟶ 58

61 ⟶ 46

17 ⟶ 32

26 ⟶ 40

100 ⟶ 87

2.

1	2	3	4	5				6	7	8				
10	20	30					60	70						
11	12						16							

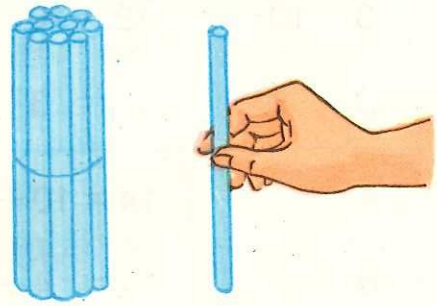
3.

12	13		20	19			56	
29	30		30	40			82	
20	30		33	32			31	
97	98		69	68			72	

4.

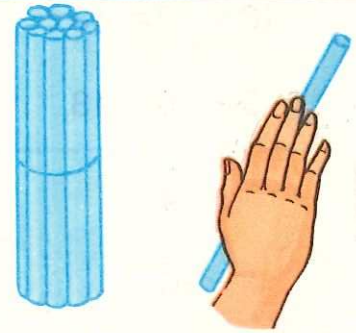
32	33	34	77	78	79	36		38
48		50		60			59	
69		71		89			80	

Adunări şi scăderi cu numere de la 0 la 20

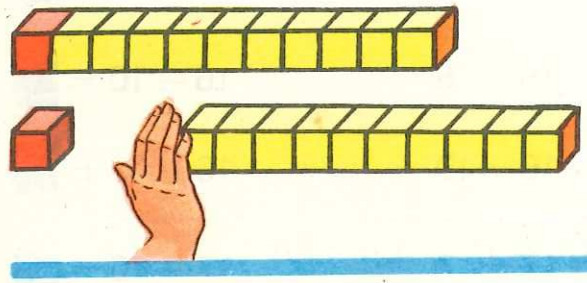


$10 + 1 = 11$

$11 = 10 + 1$



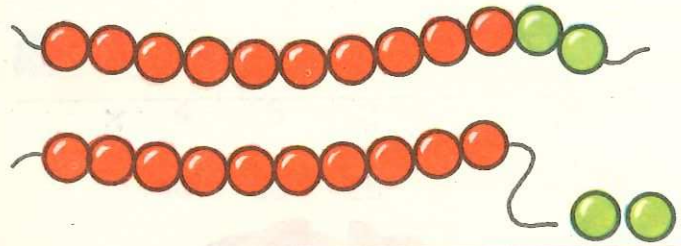
$11 - 1 = 10$



$1 + 10 = 11$

$11 = 1 + 10$

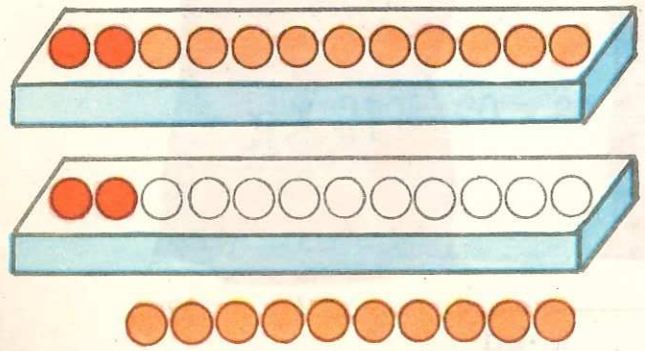
$11 - 10 = 1$



$10 + 2 = 12$

$12 = 10 + 2$

$12 - 2 = 10$

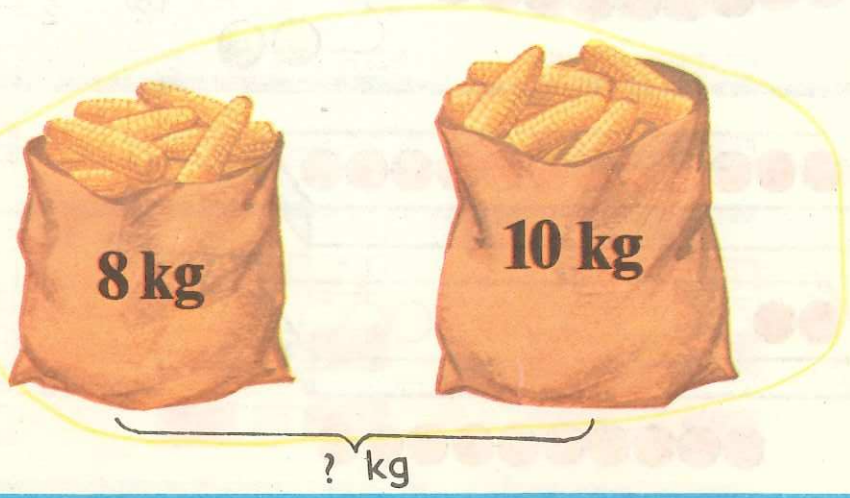


$2 + 10 = 12$

$12 = 2 + 10$

$12 - 10 = 2$

	$10+3=13$	$13-3=10$	$13=10+3$
	$3+10=13$	$13-10=3$	$13=3+10$
?	$10+4$	$14-4$	$14=10+\square$
	$4+10$	$14-10$	$14=4+\square$
	$10+5$	$15-5$	$15=10+\square$
	$5+10$	$15-10$	$15=5+\square$
	$10+6$	$16-6$	$16=10+\square$
	$6+10$	$16-10$	$16=6+\square$
	$10+7$	$17-7$	$17=10+\square$
	$7+10$	$17-10$	$17=7+\square$



$10+8$	$18-8$	$18=10+\square$
$8+10$	$18-10$	$18=8+\square$
$10+9$	$19-9$	$19=10+\square$
$9+10$	$19-10$	$19=9+\square$
$10+10$	$20-10$	$20=10+\square$
		$10=20-\square$

$7+3-1=10-1=9$

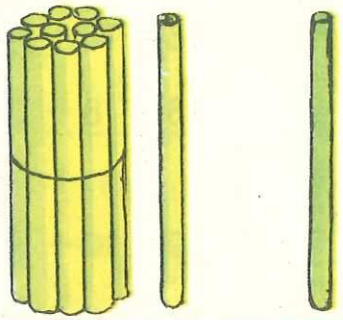
$70+30-10=100-10=90$

$4+6-2$	$7+2-5$
$40+60-20$	$70+20-50$

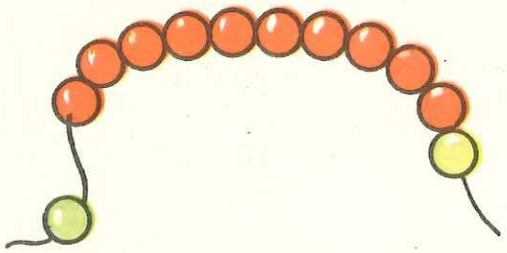
$8-6+3=2+3=5$

$80-60+30=20+30=50$

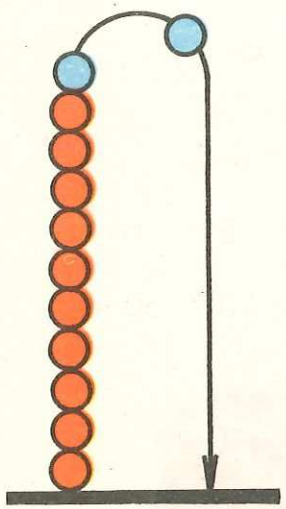
$100-30+10$	$80-50+60$
$90-30+40$	$40-40+30$



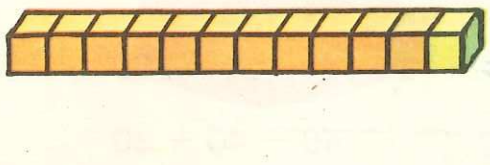
$$\begin{aligned} 11 + 1 &= 10 + 1 + 1 \\ &= 10 + 2 \\ &= 12 \end{aligned}$$



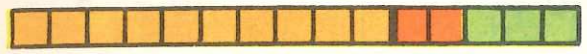
$$\begin{aligned} 1 + 11 &= 1 + 10 + 1 \\ &= 10 + 1 + 1 \\ &= 10 + 2 \\ &= 12 \end{aligned}$$



$$\begin{aligned} 12 - 1 &= 10 + 2 - 1 \\ &= 10 + 1 \\ &= 11 \end{aligned}$$



$$\begin{aligned} 13 - 1 &= 10 + 3 - 1 \\ &= 10 + 2 \\ &= 12 \end{aligned}$$



$$\begin{aligned} 12 + 3 &= 10 + 2 + 3 \\ &= 10 + 5 \\ &= 15 \end{aligned}$$

$$\begin{aligned} 15 - 3 &= 10 + 5 - 3 \\ &= 10 + 2 \\ &= 12 \end{aligned}$$

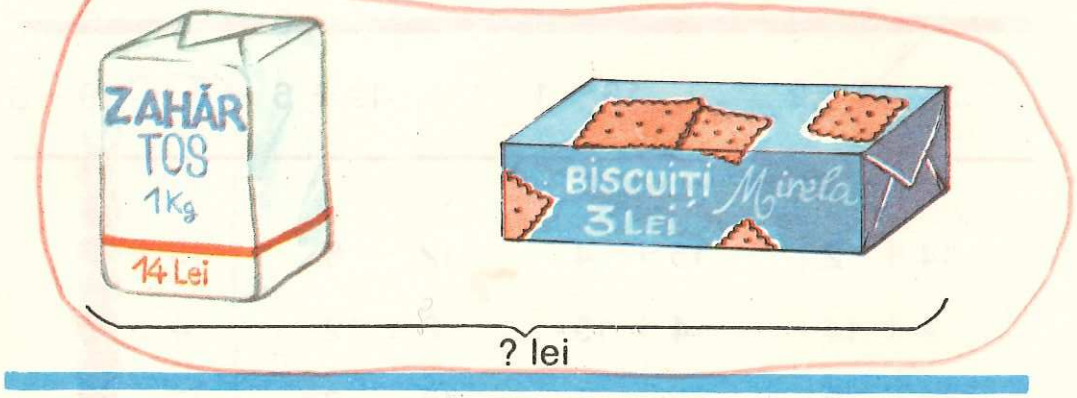
?

$1 + 2$	$2 + 1$	$3 + 6$	$6 + 3$
$11 + 2$	$12 + 1$	$13 + 6$	$16 + 3$
$3 - 2$	$3 - 1$	$9 - 6$	$9 - 3$
$13 - 2$	$13 - 1$	$19 - 6$	$19 - 3$

$14 + 2$	$15 + 4$	$12 + 6$	$13 + 4$
$2 + 14$	$4 + 15$	$6 + 12$	$4 + 13$
$16 - 2$	$19 - 4$	$18 - 6$	$17 - 4$

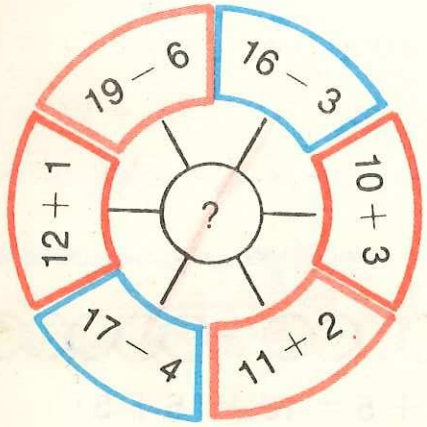
$13 + \square = 17$	$14 + \square = 19$	$11 + \square = 18$
$4 + 13 = \square$	$5 + 14 = \square$	$7 + 11 = \square$
$17 - \square = 13$	$19 - \square = 14$	$18 - \square = 11$

10 + 2	10 + 4	10 + 5
12 − 2	14 − 4	15 − 5
2 + 10	4 + 10	5 + 10
12 − 10	14 − 10	15 − 10
10 + 6	10 + 8	10 + 9
16 − 6	18 − 8	19 − 9
6 + 10	8 + 10	9 + 10
16 − 10	18 − 10	19 − 10



? lei

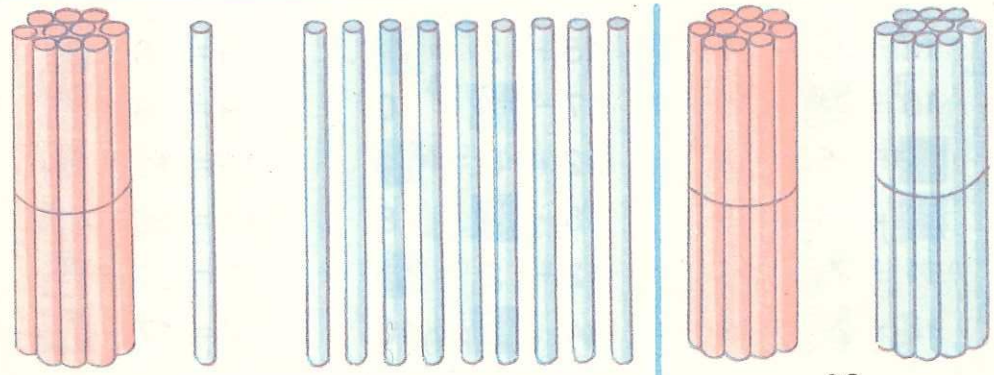
12 + ■ = 17	15 + 2 = ■	19 = 16 + ■
15 + ■ = 19	17 − ■ = 0	9 = 19 − ■
■ + 6 = 18	12 + 6 = ■	15 = 11 + ■
■ + 3 = 19	18 − ■ = 8	10 = 15 − ■
11 + ■ = 13	12 + 2 = ■	17 = 17 + ■
18 + ■ = 19	14 − ■ = 10	7 = 17 − ■



10 + ■ = 11
■ − 1 = 10
10 + ■ = 12
■ − 2 = 10
10 + ■ = 13
■ − 3 = 10

? lei

□□ + □ = 20



11 + 9 = 10 + 1 + 9

= 10 + 10

= 20

15 + 5 = 10 + 5 + 5

= 10 + 10

= 20

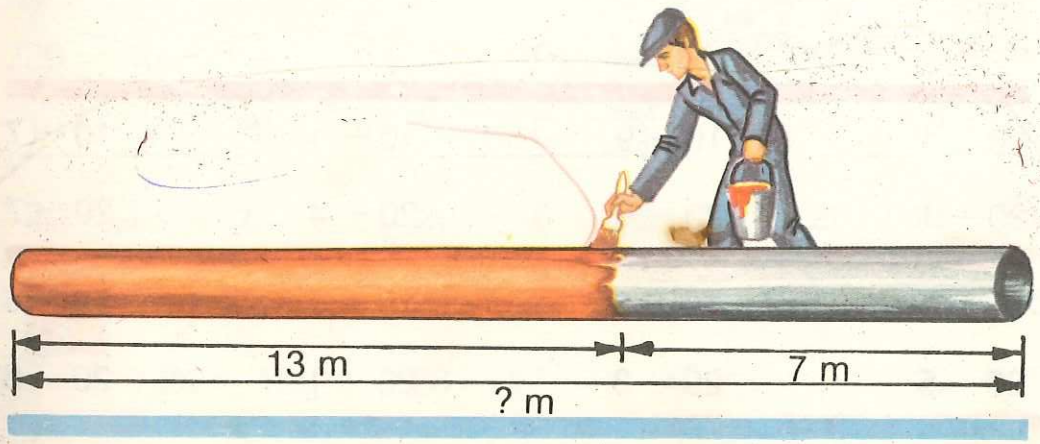
?

3 + 7	8 + 2	5 + 5	2 + 8
13 + 7	18 + 2	15 + 5	12 + 8
9 + 1	7 + 3	4 + 6	1 + 9
19 + 1	17 + 3	14 + 6	11 + 9

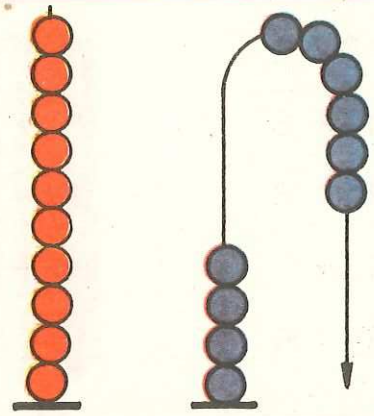
16 + 4	18 + 2	11 + 9	17 + 3
4 + 16	2 + 18	9 + 11	3 + 17

11 + 9	16 + 4	18 + 2	5 + 15
12 + 8	17 + 3	17 + 3	12 + 8
13 + 7	18 + 2	14 + 6	20 + 0
14 + 6	19 + 1	13 + 7	4 + 16
15 + 5	20 + 0	11 + 9	19 + 1

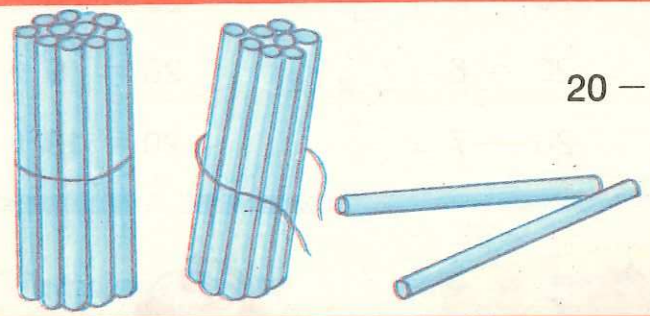
20 = 15 + ■	20 = 2 + ■	20 = 20 + ■
20 = 12 + ■	20 = 6 + ■	20 = 9 + ■
20 = 17 + ■	20 = 7 + ■	20 = 19 + ■



$20 - \square = \square\square$

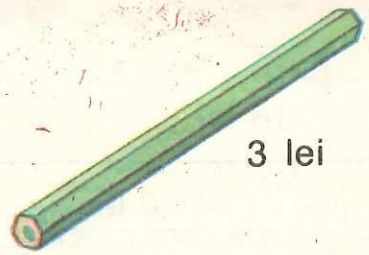


$$\begin{aligned} 20 - 6 &= 10 + \ 10 - 6 \\ &= 10 + (10 - 6) \\ &= 10 + \ \ 4 \\ &= 14 \end{aligned}$$



$$\begin{aligned} 20 - 2 &= 10 + \ 10 - 2 \\ &= 10 + (10 - 2) \\ &= 10 + \ \ 8 \\ &= 18 \end{aligned}$$

?

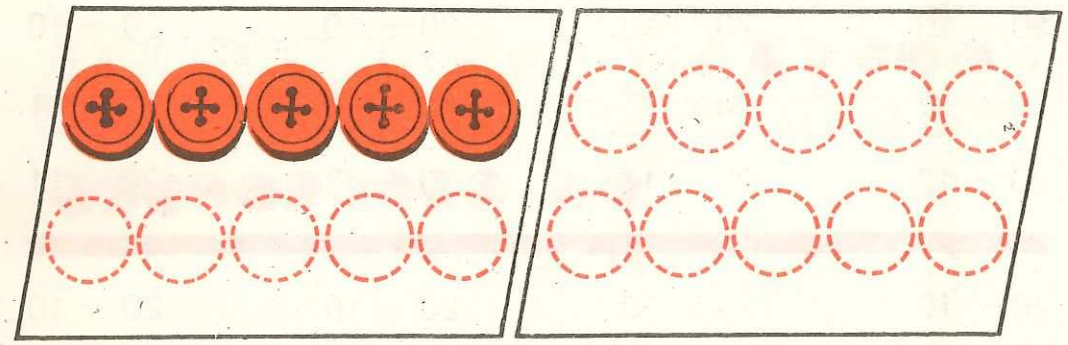


3 lei

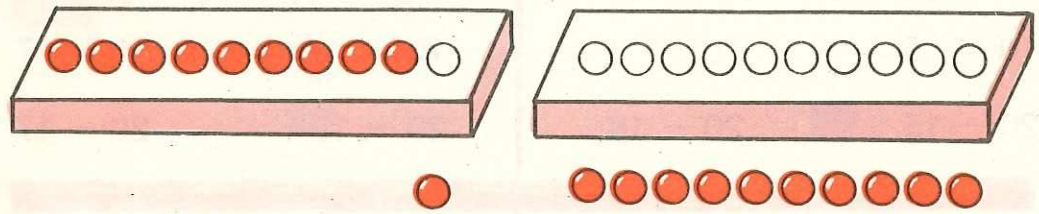
? lei rest

$10 - 1$	$10 - 9$	$10 - 4$	$10 - 7$
$20 - 1$	$20 - 9$	$20 - 4$	$20 - 7$
$15 + 5$	$17 + 3$	$19 + 1$	$14 + 6$
$20 - 5$	$20 - 3$	$20 - 1$	$20 - 6$

$20 - \square\square = \square$



$$\begin{aligned} 20 - 15 &= 20 - 10 - 5 \\ &= 10 - \ \ 5 \\ &= \ \ 5 \end{aligned}$$



$$\begin{aligned} 20 - 11 &= 20 - 10 - 1 \\ &= 10 - \ \ 1 \\ &= \ \ 9 \end{aligned}$$

$20 - 12$	$20 - 16$	$20 - 13$
$20 - 10 = 10$	$20 - 10 = \square$	$20 - 10 = \square$
$10 - \ 2 = \ 8$	$10 - \ 6 = \square$	$10 - \ 3 = \square$
$20 - 12 = \ 8$	$20 - 16 = \square$	$20 - 13 = \square$

?

$20 - 14$	$20 - 19$	$20 - 13$	$20 - 16$
$20 - 18$	$20 - 17$	$20 - 15$	$20 - 20$

20 − 10	20 − 10	20 − 10	20 − 10
10 − 2	10 − 7	10 − 3	10 − 1
20 − 12	20 − 17	20 − 13	20 − 11

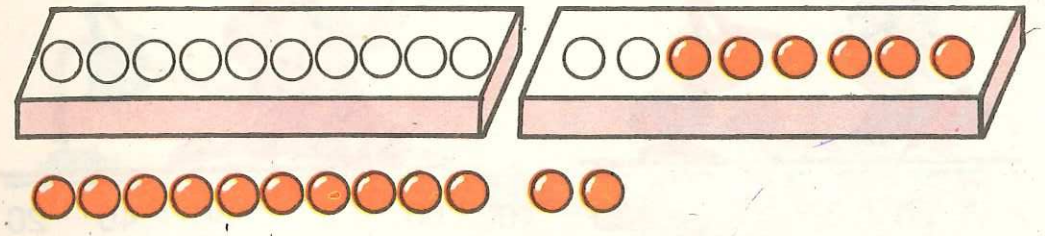
20 − 10	20 − 10	20 − 10	20 − 10
10 − 4	10 − 5	10 − 6	10 − 8
20 − 14	20 − 15	20 − 16	20 − 18

10 − 5	10 − 8	10 − 2	10 − 7
20 − 15	20 − 18	20 − 12	20 − 17

20 − 11	20 − 17	20 − 19	20 − 16

? lei rest

□□ ÷ □□ = □



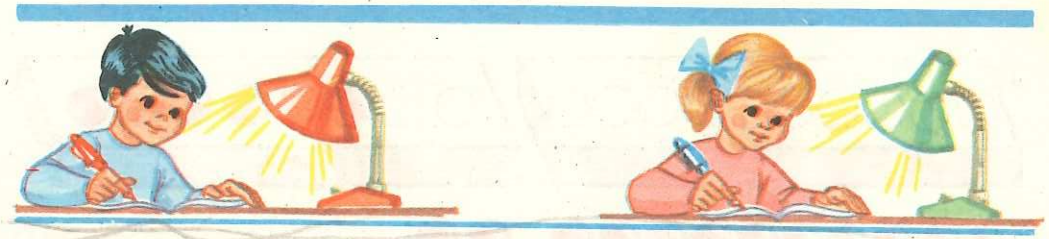
18 − 12 = 18 − 10 − 2
= 8 − 2
= 6

? 15 − 11 = 15 − 10 − 1 = ■ − ■ = ■	16 − 15 = 16 − 10 − ■ = ■ − ■ = ■
17 − 13 = 17 − ■ − ■ = ■ − ■ = ■	19 − 12 = ■ − ■ − ■ = ■ − ■ = ■

18 − 10	17 − 10	19 − 10	15 − 10
8 − 4	7 − 6	9 − 3	5 − 2
18 − 14	17 − 16	19 − 13	15 − 12

7 − 4	5 − 3	8 − 5	9 − 6
17 − 14	15 − 13	18 − 15	19 − 16

Exerciţii şi probleme

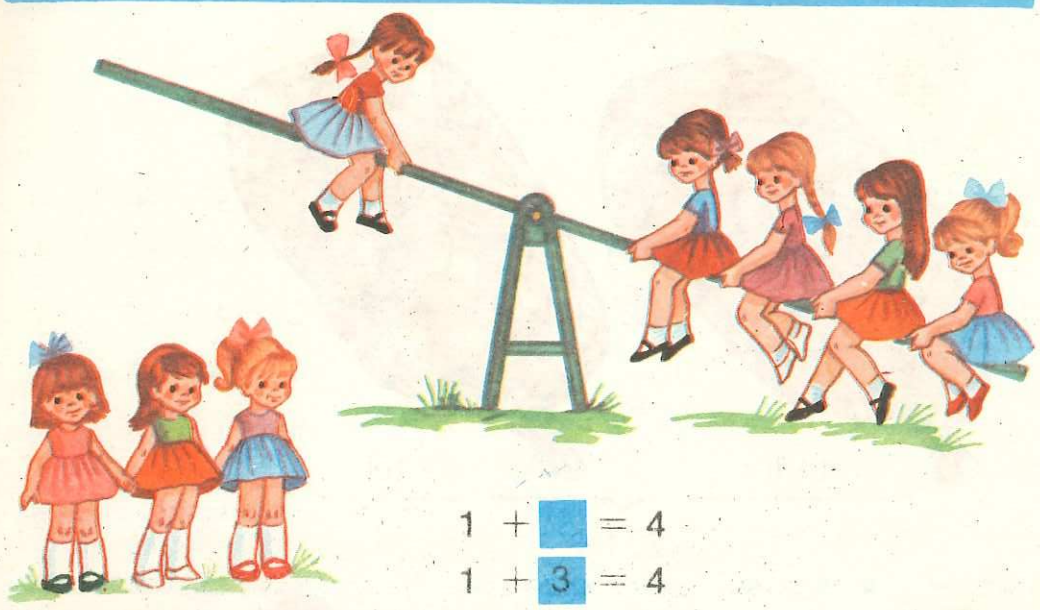


$20 + 50 + 30$	$30 + 10 + 60$	$40 + 40 - 20$
$70 - 30 + 20$	$60 + 20 - 30$	$60 + 40 - 50$
$40 + 30 - 10$	$90 - 50 + 20$	$70 + 20 - 40$
$15 + 3 - 8$	$12 + 7 - 3$	$14 + 5 - 7$
$18 - 8 + 2$	$17 - 5 + 8$	$18 - 8 + 1$
$19 - 5 - 3$	$20 - 3 - 4$	$13 + 7 - 5$

$12 + 7 = \square$	$15 - 4 = \square$	$16 + \square = 18$
$14 + \square = 19$	$17 - \square = 11$	$\square + 12 = 19$
$\square + 8 = 20$	$\square - 8 = 10$	$15 + \square = 20$
$17 + \square = 20$	$20 - \square = 14$	$13 - \square = 10$

$3 + 5 + \square = 18$	$19 - 10 - \square = 4$
$4 + 1 + \square = 15$	$20 - 12 - \square = 3$
$7 + 2 + \square = 19$	$15 - 5 - \square = 0$

$18 = 10 + \square$	$19 = 20 - \square$	$6 = 18 - \square$
$20 = 13 + \square$	$16 = 18 - \square$	$8 = 20 - \square$
$16 = \square + 4$	$12 = 12 - \square$	$2 = 15 - \square$



$1 + \square = 4$

$1 + 3 = 4$

+	3
5	$5 + 3 = 8$
2	$\square + \square$
4	$\square + \square$
1	$\square + \square$

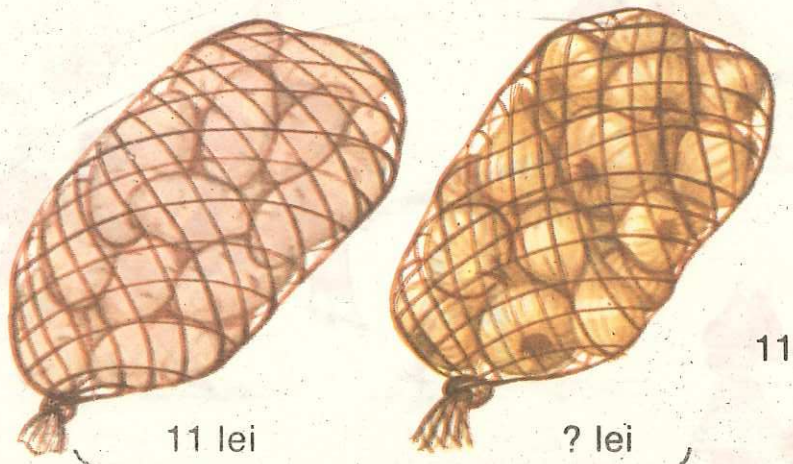
+	3
12	$\square + \square$
14	$\square + \square$
17	$\square + \square$
13	$\square + \square$

+	6
3	$\square + \square$
0	$\square + \square$
11	$\square + \square$
14	$\square + \square$

−	4
6	$6 - 4 = 2$
8	$\square - \square$
4	$\square - \square$
10	$\square - \square$

−	4
16	$\square - \square$
18	$\square - \square$
15	$\square - \square$
20	$\square - \square$

−	5
5	$\square - \square$
9	$\square - \square$
20	$\square - \square$
17	$\square - \square$



$11 + ? = 20$

?

lei rest

?

lei rest

$12 + 3 + 2 = \square$

$15 - 2 + 7 = \square$

$16 + 2 - 3 = \square$

$20 - 3 - 5 = \square$

$20 - 4 + 2 = \square$

$19 - 2 - 3 = \square$

$20 - 7 + 2 = \square$

$20 - 2 - \square = 13$

$14 + 2 + \square = 19$

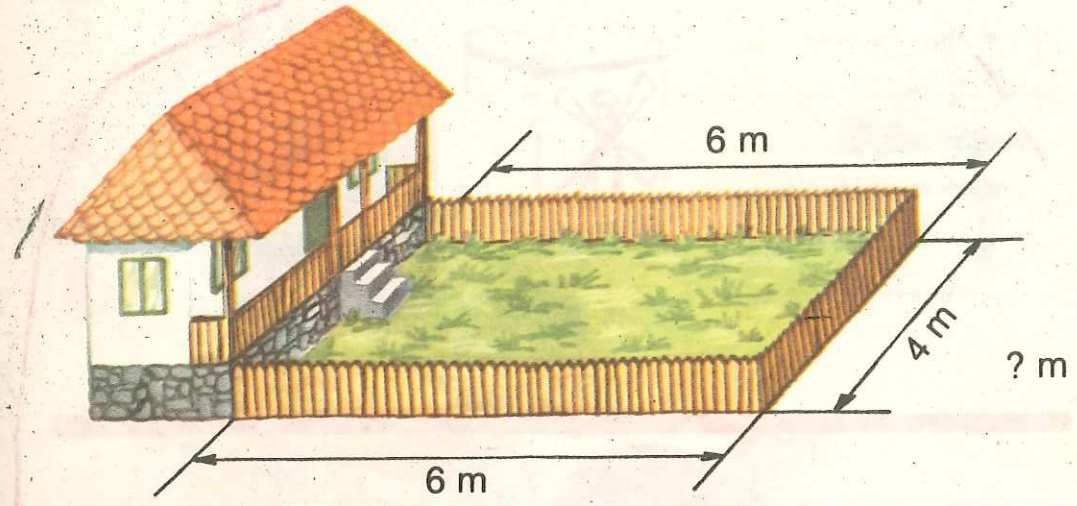
$15 + 2 - \square = 11$

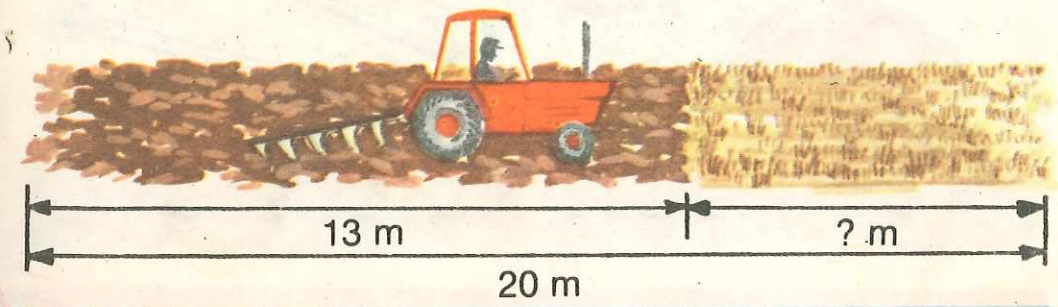
$\square - 5 - 3 = 12$

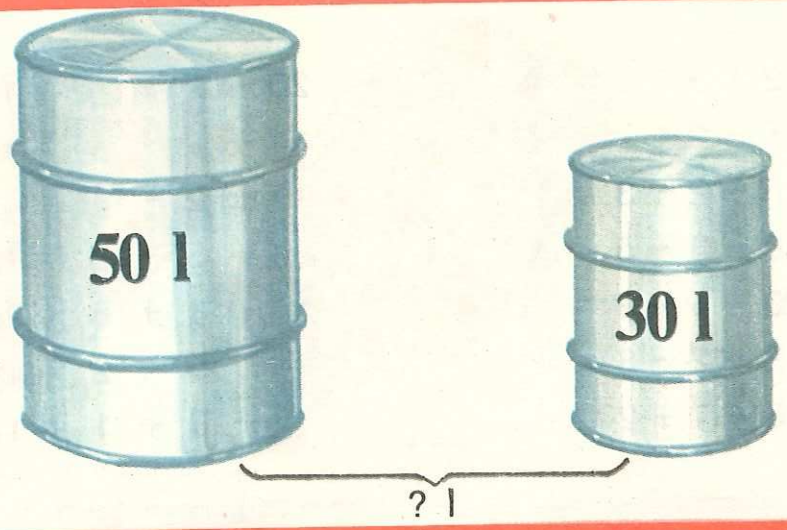
$\square + 1 + 8 = 20$

$\square + 5 - 2 = 16$

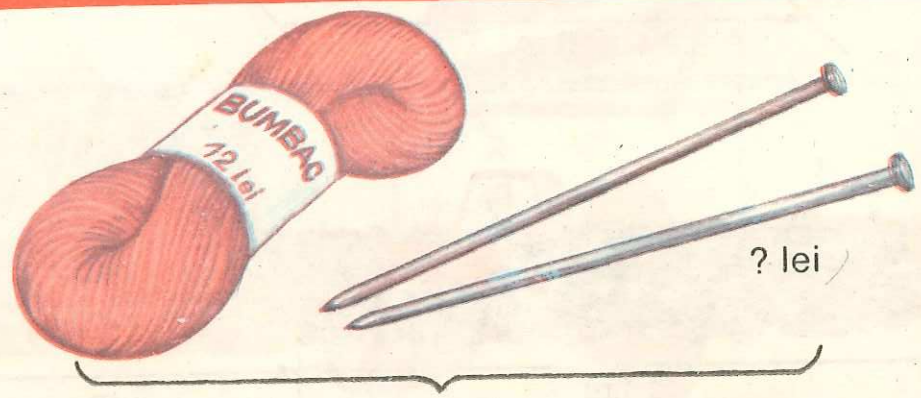
$\square - 3 + 1 = 17$







? lei rest



18 lei

!

1

10					15				19	
20			17					12		

2

10 + 5 = ■ 17 − 7 = ■

3

14 + 3 = ■ 19 − 6 = ■ 5 + 12 = ■

4

20 − 8 = ■ 20 − 15 = ■

5

15 = 10 + ■ 17 = 12 + ■

6

12 + ■ = 17

■ + 13 = 16

7

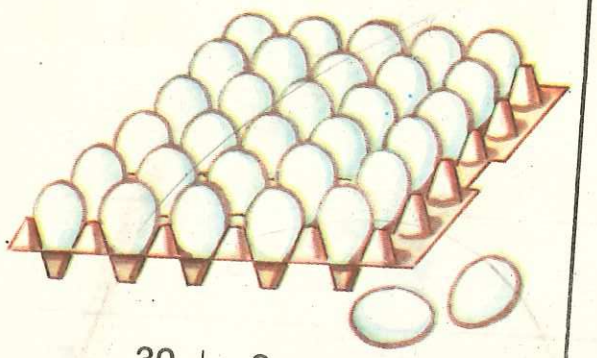
19 − ■ = 11

■ − 6 = 14

8

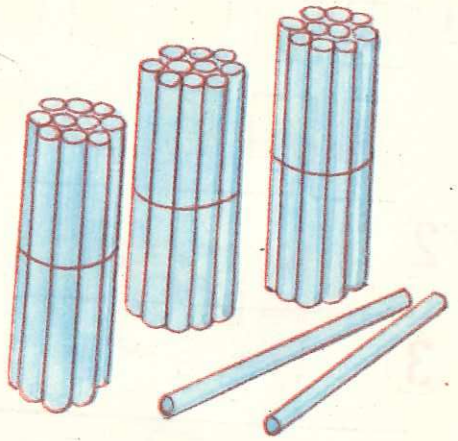
11 + 4 = 15

Adunări şi scăderi cu numere de la 0 la 100



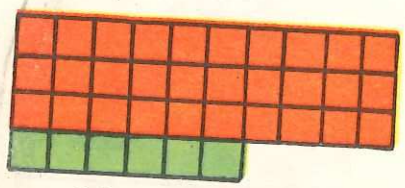
$30 + 2$

$2 + 30$

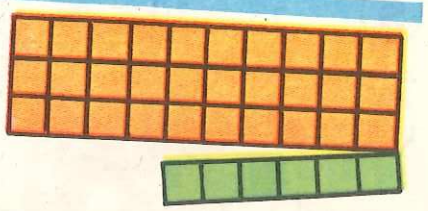


$32 - 2$

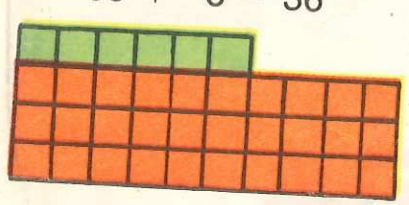
$32 - 30$



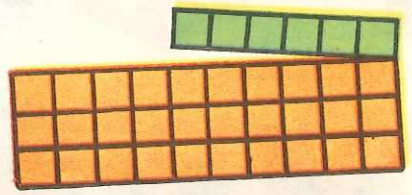
$30 + 6 = 36$



$36 - 6 = 30$



$6 + 30 = 36$



$36 - 30 = 6$

?

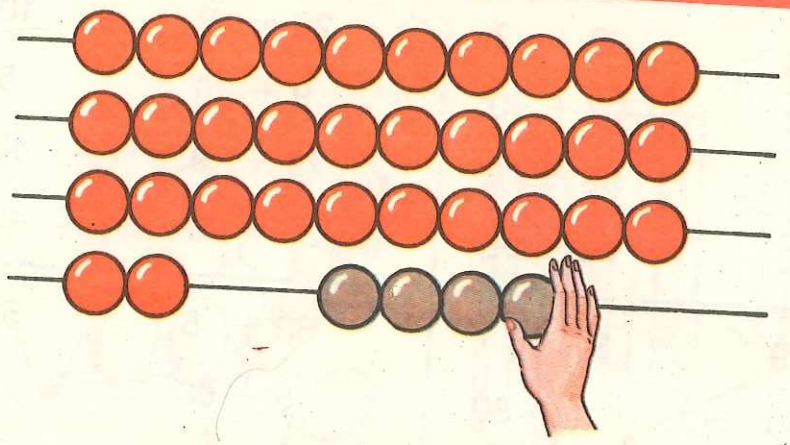
$50 + 7$	$70 + 6$	$80 + 3$	$30 + 9$
$57 - 7$	$76 - 6$	$83 - 3$	$39 - 9$
$7 + 50$	$6 + 70$	$3 + 80$	$9 + 30$
$57 - 50$	$76 - 70$	$83 - 80$	$39 - 30$

$70 + 7$	$90 + 2$	$20 + 9$	$40 + 5$
$7 + 70$	$2 + 90$	$9 + 20$	$5 + 40$
$77 - 7$	$92 - 2$	$29 - 9$	$45 - 5$
$77 - 70$	$92 - 90$	$29 - 20$	$45 - 40$
$90 + 9$	$30 + 1$	$60 + 5$	$50 + 8$
$9 + 90$	$1 + 30$	$5 + 60$	$8 + 50$
$99 - 9$	$31 - 1$	$65 - 5$	$58 - 8$
$99 - 90$	$31 - 30$	$65 - 60$	$58 - 50$
$4 + 3$	$6 + 3$	$30 + 3$	$70 + 2$
$4 + 30$	$6 + 30$	$30 + 30$	$70 + 20$
$4 + 2$	$6 + 2$	$30 + 2$	$70 + 3$
$4 + 20$	$6 + 20$	$30 + 20$	$70 + 30$

$20 + \square = 23$	$30 + \square = 35$	$50 + \square = 52$
$20 + 3 = 23$	$60 + \square = 67$	$80 + \square = 85$
	$50 + \square = 59$	$70 + \square = 72$

$\square + 7 = 27$	$\square + 3 = 33$	$\square + 9 = 99$
$20 + 7 = 27$	$\square + 5 = 85$	$\square + 2 = 42$
	$\square + 7 = 57$	$\square + 6 = 86$

□□ + □



$32 + 4 = 30 + 2 + 4$

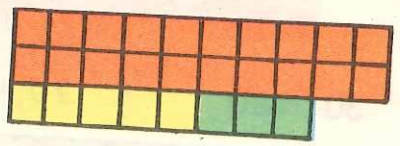
$= 30 + 6$

$= 36$

$4 + 32 = 4 + 30 + 2$

$= 4 + 2 + 30$

$= 36$

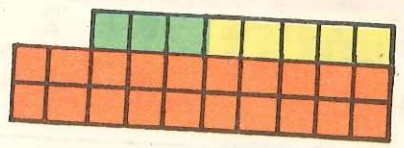


$25 + 3$

$5 + 3 = 8$

$20 + 8 = 28$

$25 + 3 = 28$



$3 + 25$

$3 + 5 = 8$

$8 + 20 = 28$

$3 + 25 = 28$

?

$53 + 7$	$2 + 26$	$51 + 4$	$64 + 5$
$41 + 7$	$5 + 53$	$2 + 22$	$3 + 74$
$36 + 3$	$4 + 44$	$75 + 4$	$22 + 7$
$72 + 6$	$6 + 73$	$6 + 91$	$8 + 41$

$3 + 5 = 8$	$5 + 3 = 8$	$6 + 3$	$3 + 6$
$63 + 5 = 68$	$5 + 63 = 68$	$86 + 3$	$3 + 86$
$7 + 2$	$2 + 7$	$5 + 4$	$4 + 5$
$47 + 2$	$2 + 47$	$95 + 4$	$4 + 95$
$73 + 4$	$32 + 7$	$92 + 6$	$66 + 2$
$4 + 73$	$7 + 32$	$6 + 92$	$2 + 66$

+	21
4	25
6	?
2	?

+	32
3	?
1	?
5	?

+	63
6	?
2	?
4	?

Problemă

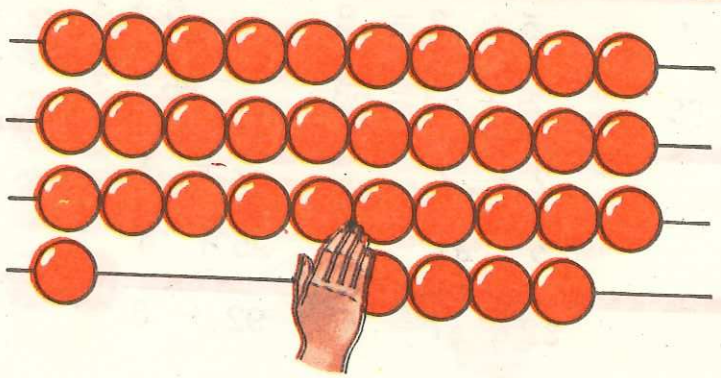
În curtea școlii sînt 23 de fete și 5 băieți.

Cîți copii sînt în curtea școlii ?

$23 + 5 =$ ▢

Răspuns: ▢ copii

□□ − □



$$35 - 4 = 30 + 5 - 4$$
$$= 30 + 1$$
$$= 31$$

?

$86 - 2 = 80 + 6 - 2$
$= \square + \square$
$= \square$

$28 - 3 = 20 + \square - \square$
$= \square + \square$
$= \square$

$7 - 3 = 4$	$8 - 6$	$5 - 4$	$9 - 5$
$27 - 3 = 24$	$58 - 6$	$65 - 4$	$49 - 5$
$63 + 5$	$77 + 2$	$36 + 3$	$92 + 6$
$68 - 5$	$79 - 2$	$39 - 3$	$98 - 6$
$82 + 6$	$57 - 5$	$38 - 4$	$75 + 3$
$67 - 2$	$43 + 3$	$27 + 1$	$48 - 6$

$45 + 3$	$80 - 30$	$3 + 43$	$26 + 2$
$2 + 61$	$57 - 3$	$23 - 20$	$94 - 3$
$72 + 4$	$86 - 5$	$15 + 4$	$3 + 52$
$30 + 70$	$67 - 60$	$64 - 4$	$77 - 5$

$30 + \square = 38$	$70 - \square = 50$	$50 + \square = 56$
$49 + 0 = 49$	$39 - \square = 37$	$89 - \square = 84$
$\square + 3 = 48$	$53 - \square = 50$	$26 + \square = 28$
$\square + 5 = 77$	$67 - \square = 62$	$65 - \square = 61$

Problemă

La un aprozar sînt 48 de lăzi cu mere. Se vînd merele din 7 lăzi.

Cîte lăzi cu mere au rămas?

$48 - 7 = \square$

Răspuns: $\square$ lăzi

Probleme

1. Elevii au sădit în grădina şcolii 21 de cireşi şi 7 nuci.

Cîţi pomi au sădit în total?

2. În gospodăria sa, un ţăran cooperator are 32 de oi albe şi 6 oi negre.

Cîte oi are ţăranul?

3. Într-un cartier, s-a planificat să se construiască în anul acesta 16 blocuri. Pînă în prezent, s-au construit 5 blocuri.

Cîte blocuri au rămas de construit?

4. La o cooperativă meşteşugărească s-au ţesut în prima lună 30 de covoare, iar în a doua lună 37.

În care lună s-au ţesut mai multe covoare şi cu cît?

5. Un strungar avea de realizat 80 de piese. El a lucrat 89.

Cu cîte piese a lucrat mai mult?

6. Elevii clasei I au ajutat la recoltatul roşiilor. În prima zi au cules 75 de lădiţe cu roşii, iar în a doua zi cu 4 lădiţe mai mult.

Cîte lădiţe cu roşii au cules a doua zi?

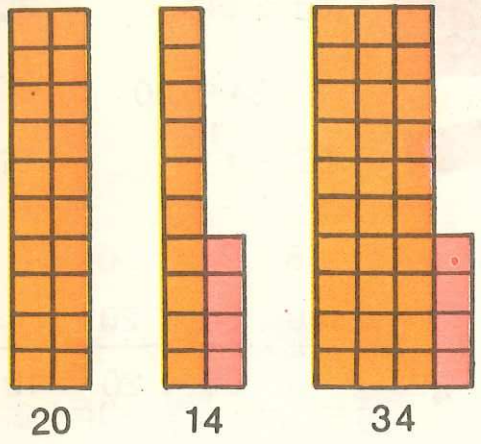
7. Nicu are 48 de porumbei. Aurel are cu 5 porumbei mai puţin.

Cîţi porumbei are Aurel?

8. Raluca are în bibliotecă 58 de cărţi. Alina are cu 7 cărţi mai puţin.

Cîte cărţi are Alina în bibliotecă?

□□ + □□



20 14 34

$20 + 14 = 20 + 10 + 4$

$= 30 + 4$

$= 34$

$14 + 20 = 10 + 4 + 20$

$= 10 + 20 + 4$

$= 30 + 4$

$= 34$

?

$30 + 25$ $40 + 38$ $50 + 16$ $70 + 23$

$24 + 30$ $18 + 60$ $45 + 40$ $62 + 20$

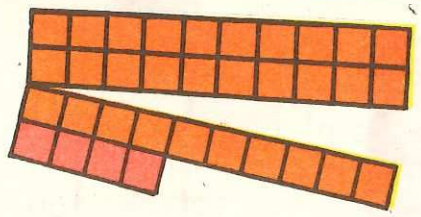
$80 + 15$ $22 + 20$ $50 + 49$ $18 + 80$

$10 + 75$ $36 + 20$ $30 + 15$

$30 + 26$ $28 + 40$ $28 + 10$

$40 + 25$ $50 + 16$ $43 + 20$

$18 + 20$ $23 + 50$ $60 + 33$



$34 - 20$
14

$34 - 20 = 30 + 4 - 20$
$= 30 - 20 + 4$
$= 10 + 4$
$= 14$

sau:
$34 - 20$
$30 - 20 = 10$

$10 + 4 = 14$
$34 - 20 = 14$

?

$65 - 10$	$82 - 60$	$55 - 40$	$84 - 50$
$77 - 50$	$45 - 30$	$31 - 10$	$68 - 30$
$42 - 20$	$29 - 10$	$93 - 30$	$79 - 40$

$32 + 30$	$67 - 40$	$16 + 40$	$21 + 30$
$62 - 30$	$54 + 40$	$56 - 40$	$85 - 60$
$94 - 60$	$35 + 20$	$30 + 15$	$47 - 20$
$34 + 60$	$88 - 50$	$70 + 21$	$69 - 50$

Din 76 de tractoare, 50 au plecat la arat.
Cîte tractoare au rămas?

$20 + 25$	$40 + 55$	$30 + 44$	$56 + 20$
$62 + 30$	$33 + 30$	$44 + 40$	$80 + 17$
$10 + 77$	$71 + 20$	$22 + 10$	$39 + 50$

$52 + 6 + 20 = 70 + 8 = 78$
$33 + 60 + 6 = \square + \square = \square$
$50 + 5 + 40 = \square + \square = \square$

$21 + 7 + 20$
$74 + 10 + 3$
$42 + 6 + 20$

+	40
25	
46	

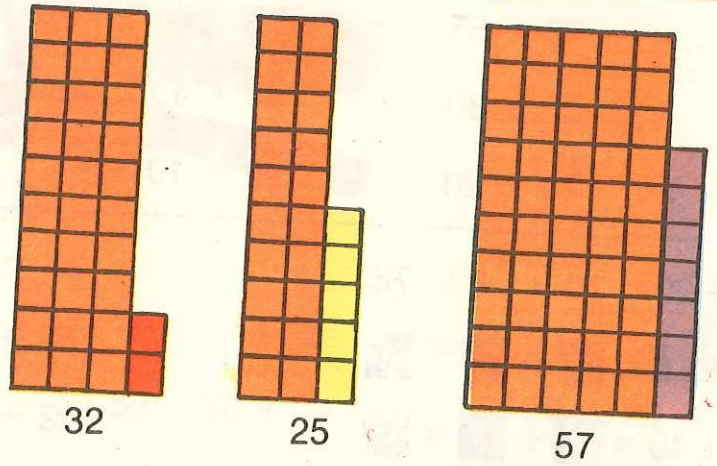
+	20
16	
31	

+	10
52	
63	

1. În cartierul nostru au fost sădiţi 60 de brăduţi şi 35 de stejari.
Cîţi copaci au fost sădiţi?

2. Virgil rezolvă în prima săptămînă 15 probleme, iar în săptămîna următoare 20.
Cîte probleme rezolvă în total?

3. Elevii unei şcoli au în grijă 40 de iepuri albi şi 18 iepuri gri.
Cîţi iepuri îngrijesc elevii?



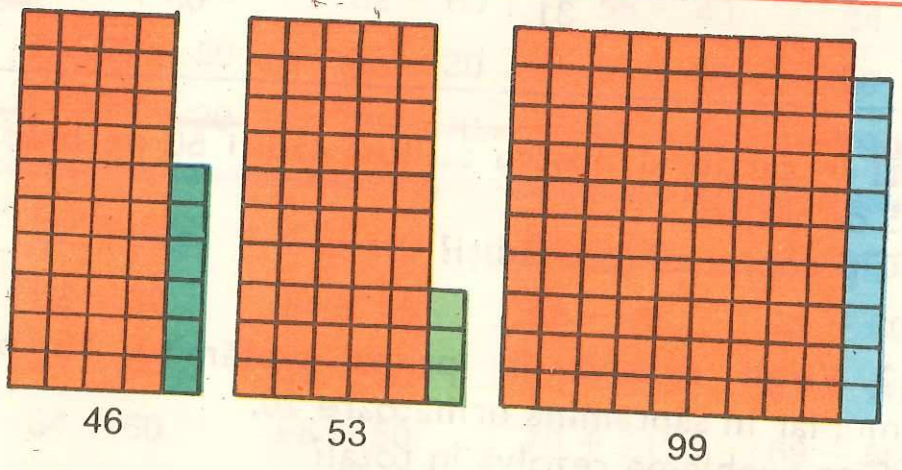
32 25 57

$32 + 25 = 30 + 2 + 20 + 5$

$= (30 + 20) + (2 + 5)$

$= 50 + 7$

$= 57$



46 53 99

$46 = 40 + 6$

$53 = 50 + 3$

$46 + 53 = 90 + 9 = 99$

sau:

z	u
4	6
5	3
9	9

+

$15 + 12$

$15 = 10 + 5$

$12 = 10 + 2$

$15 + 12 = 20 + 7 = 27$

sau:

z	u
1	5
1	2
2	7

1.

$73 + 24$	$26 + 31$	$17 + 71$	$24 + 35$
$43 + 23$	$34 + 52$	$35 + 34$	$82 + 16$
$21 + 12$	$66 + 33$	$27 + 72$	$41 + 38$
$65 + 13$	$81 + 18$	$76 + 23$	$63 + 25$
$24 + 42$	$54 + 14$	$13 + 13$	$57 + 12$

2. Calculează suma numerelor:

31 și 18; 63 și 25; 44 și 14; 26 și 63; 38 și 21.

3. Află:

$? - 13 = 35$

$35 + 13 = 48$

deci

$48 - 13 = 35$

$? - 36 = 42$

$? - 54 = 33$

$? - 17 = 71$

$? - 73 = 25$

$? - 32 = 63$

$? - 25 = 63$

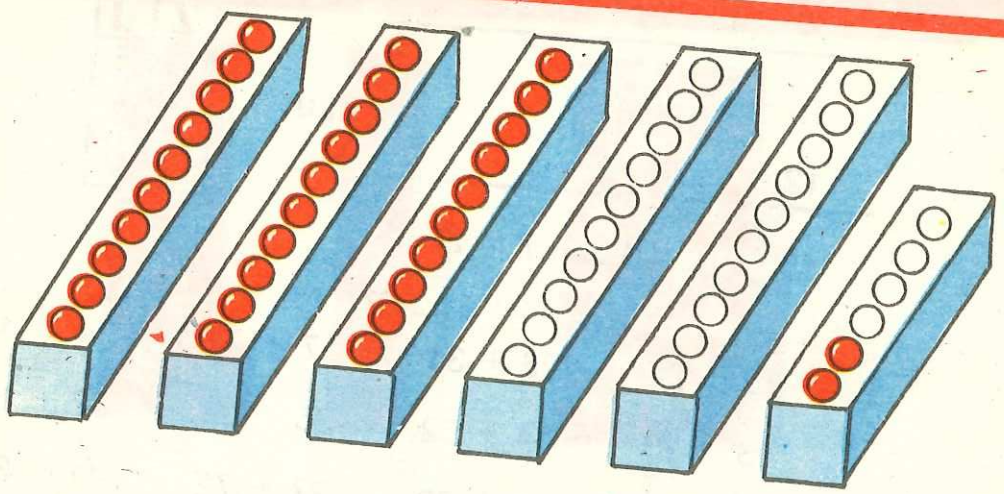
$? - 61 = 27$

$? - 11 = 31$

$? - 52 = 12$

$? - 33 = 13$

□□ − □□



$56 - 24 = 56 - 20 - 4$

$= 36 - 4$

$= 32$

z	u
5	6
2	4
3	2

?

$48 - 25 = 48 - 20 - 5$

$= 28 - 5$

$= \square$

z	u
4	8
2	5

87 − 32	68 − 35	26 − 13	25 + 61
98 − 54	57 − 13	85 − 23	78 − 66
77 − 44	95 − 62	67 − 43	13 + 53
35 − 21	79 − 54	97 − 15	97 − 87
46 − 11	36 − 15	73 − 52	44 + 44
55 − 44	75 − 43	84 − 71	77 − 66

45 + 32	26 + 33	63 + 35	15 + 22
77 − 32	59 − 33	98 − 35	67 − 52
77 − 45	59 − 26	98 − 63	67 − 15

$24 + 24 - 14 = 48 - 14 = 34$

$28 + 11 - 13$

$32 + 32 - 54 = 64 - 54 = \square$

$59 - 33 + 12$

$43 + 43 - 66 = \square - 66 = \square$

$66 - 31 - 24$

$97 - 66 + 31 = \square + 31 = \square$

$89 - 23 - 13$

$88 - 44 - 33 = \square - 33 = \square$

$11 + 24 + 33$

Calculează suma numerelor:

20	6	20 + 6 = ?
20	26	□ + □ = □
31	40	□ + □ = □
31	27	□ + □ = □
52	25	□ + □ = □
17	82	□ + □ = □
13	13	□ + □ = □
22	22	□ + □ = □
64	35	□ + □ = □

Calculează diferența numerelor:

60	20	60 − 20 = ?
45	30	□ − □ = □
68	60	□ − □ = □
35	12	□ − □ = □
97	7	□ − □ = □
63	52	□ − □ = □
54	41	□ − □ = □
17	4	□ − □ = □
80	80	□ − □ = □

1

37	38			69		71	
48			51	97		99	

2

20 22 ☐ 56 54 ☐ 25 30 ☐ 45 40 ☐

3

30 + 50 = ☐
40 + 17 = ☐
43 + 5 = ☐
32 + 26 = ☐

4

100 − 80 = ☐
65 − 30 = ☐
27 − 3 = ☐
76 − 24 = ☐

5

46 + ? = 56

6

? − 52 = 16

7 Află suma numerelor:

43	24	☐
30	47	☐

8 Află diferența numerelor:

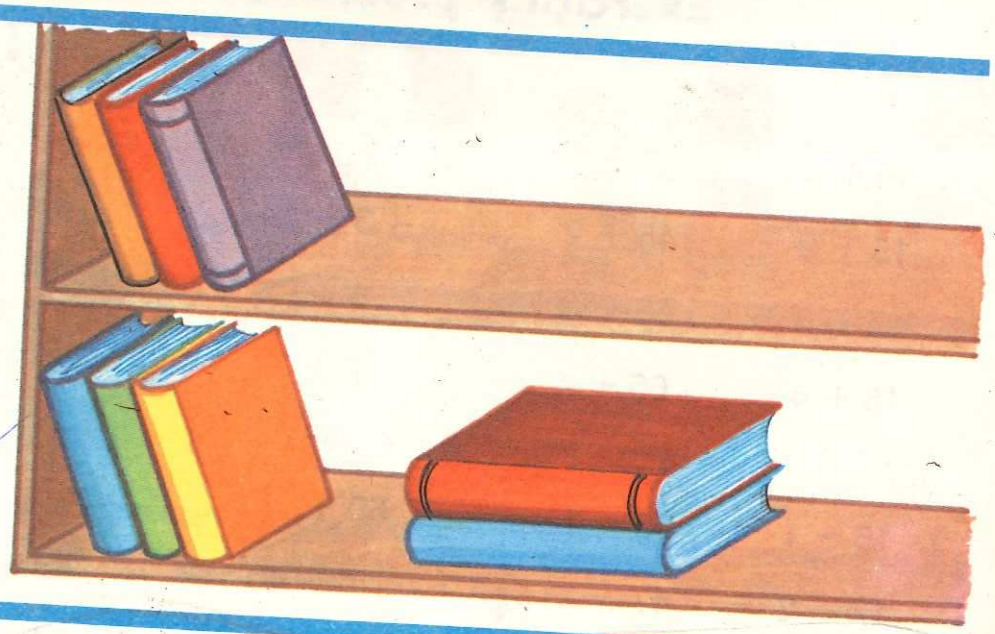
96	45	☐
88	58	☐

Exerciții și probleme

1.	15 + 1	35 + 1	5 + 42	2 + 36
	15 + 2	45 + 2	3 + 74	8 + 51
	15 + 3	55 + 3	6 + 23	3 + 44
	15 + 4	65 + 4	7 + 31	5 + 13
2.	16 − 1	36 − 1	50 + 8	67 − 7
	17 − 2	47 − 2	7 + 40	83 − 80
	18 − 3	58 − 3	30 + 3	94 − 4
	19 − 4	69 − 4	4 + 60	39 − 30
3.	40 + 36	96 − 50	36 − 23	42 + 35
	18 + 50	72 − 20	15 + 83	78 − 43
	50 + 11	44 − 10	62 + 16	27 + 61
	27 + 70	65 − 40	17 + 52	89 − 54

4.

☐ − 35 = 52	36 = 35 + ☐	35 = 36 − ☐
☐ − 53 = 43	47 = 45 + ☐	45 = 47 − ☐
☐ − 21 = 11	58 = 55 + ☐	55 = 58 − ☐
☐ − 55 = 44	69 = 65 + ☐	65 = 69 − ☐



5. Pe un raft sînt 3 cărţi, iar pe al doilea, cu 2 mai mult.

Cîte cărţi sînt pe al doilea raft?

$3 + 2 = 5$

Răspuns: 5 cărţi

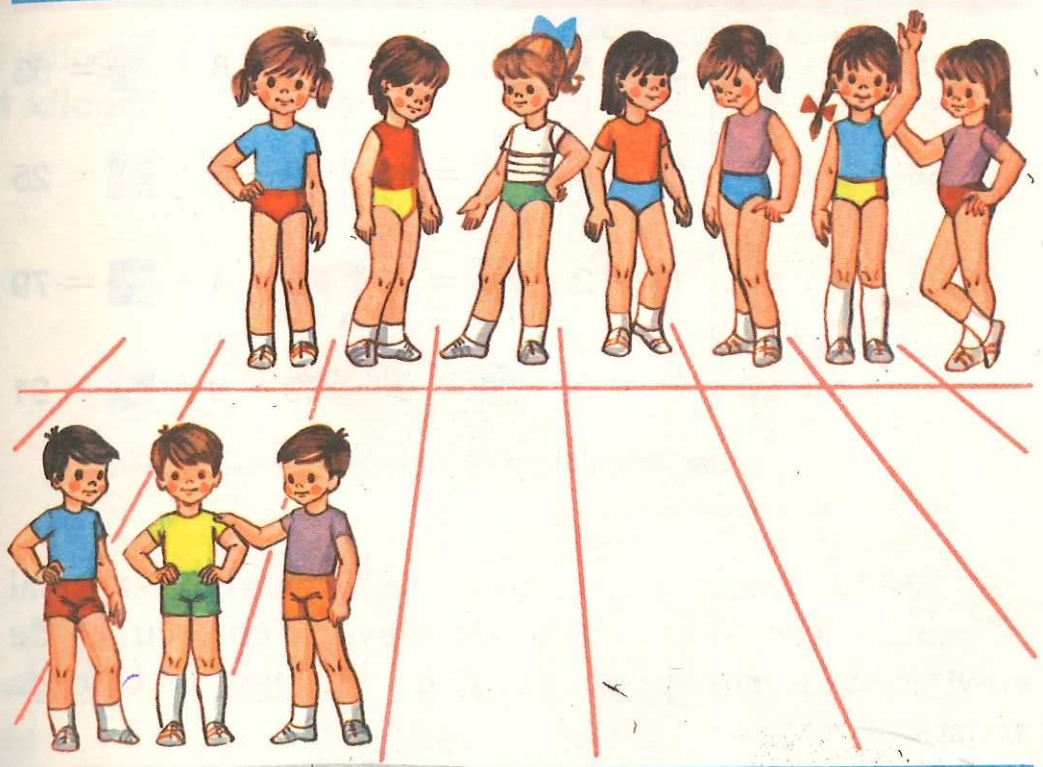
6. Pe un raft sînt 3 cărţi, iar pe al doilea, cu 2 mai mult.

Cîte cărţi sînt pe cele două rafturi?

$3 + 2 = 5$

$3 + 5 = 8$

Răspuns: 8 cărţi



7. La un concurs sportiv participă 7 fete, iar băieţi, cu 4 mai puţin decît fete.

Cîţi băieţi participă la concurs?

$7 - 4 = 3$

Răspuns: 3 băieţi

8. La un concurs sportiv participă 7 fete, iar băieţi, cu 4 mai puţin decît fete.

Cîţi copii participă la concurs?

$7 - 4 = 3$

$7 + 3 = 10$

Răspuns: 10 copii

9.

$15 - 5 + 8$	$53 + 5 - \square = 50$	$58 - 8 + \square = 53$
$38 - 7 + 6$	$21 + 8 - \square = 20$	$29 - 6 + \square = 25$
$23 - 3 + 50$	$73 + 2 - \square = 70$	$75 - 4 + \square = 79$
$47 - 4 + 20$	$91 + 8 - \square = 90$	$99 - 9 + \square = 91$

10. O şcoală a participat la Festivalul Naţional „Cîntarea României" cu 30 de elevi la cor, cu 24 de elevi la dansurile populare şi cu 15 elevi la brigada artistică.

Cîţi elevi au participat în total?

11. Un ţăran creşte în ograda sa 42 de găini şi 25 de raţe. El a vîndut 30 de păsări.

Cîte păsări mai are ţăranul?

12. Într-un autobuz erau 29 de călători. La prima staţie au coborît 9 călători şi au urcat 5.

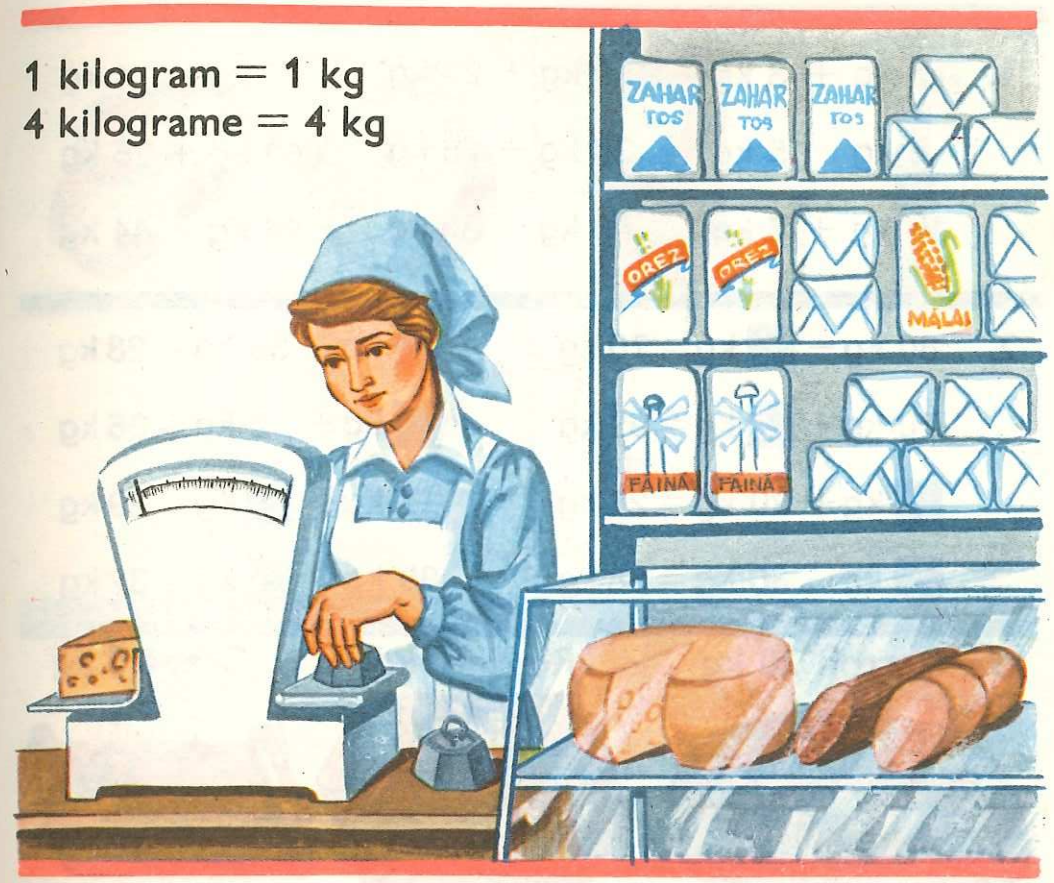
Cîţi călători au ajuns la staţia următoare?

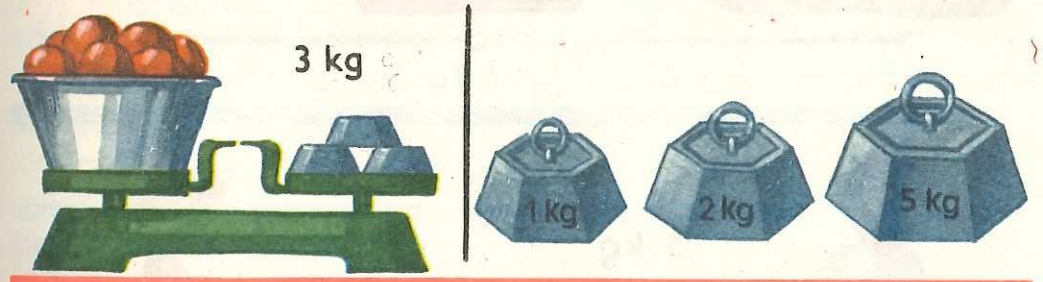
13. Irina are de citit o carte cu 18 pagini. Ea citeşte în prima zi 5 pagini, iar a doua zi 3.

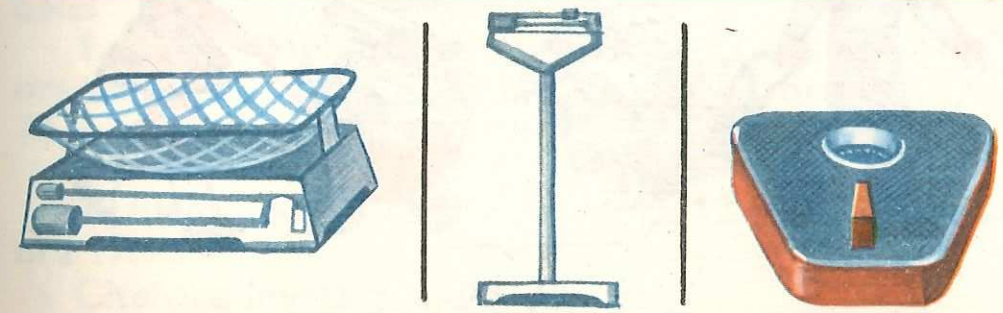
Cîte pagini mai are de citit?

Kilogramul

1 kilogram = 1 kg
4 kilograme = 4 kg







?

1.

3 kg + 3 kg	5 kg + 23 kg	17 kg − 4 kg
8 kg − 5 kg	20 kg + 76 kg	52 kg + 25 kg
10 kg + 7 kg	86 kg − 50 kg	86 kg − 44 kg

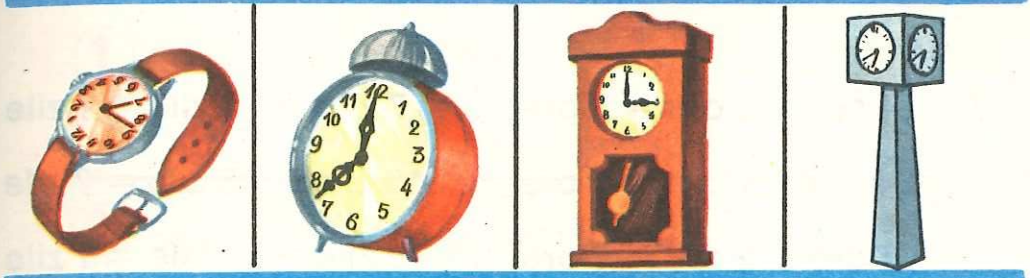
2.

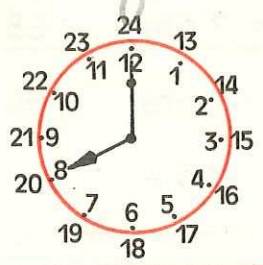
80 kg − ■ kg = 70 kg	■ kg − 30 kg = 28 kg
70 kg + ■ kg = 90 kg	■ kg + 2 kg = 36 kg
■ kg + 20 kg = 28 kg	17 kg + ■ kg = 29 kg
■ kg − 30 kg = 58 kg	88 kg − ■ kg = 32 kg

3.

4.

Măsurarea timpului





O zi începe la miezul nopţii, adică la ora zero şi are 24 de ore.

O săptămînă are 7 zile.

?

1. Orele unei zile se numără de la ora zero la 24: ora zero, ora 1, ora 2, ..., ora 12, ora 13, ora 14, ..., ora 23, ora 24 (0), miezul nopţii.

2. Elena începe cursurile la ora 12 şi le termină la ora 17.

Cîte ore învaţă zilnic la şcoală?

3. 4 ore + 6 ore = ? ore
24 ore − 4 ore = ? ore
4 ore + 2 ore = ? ore
12 ore − 2 ore = ? ore
24 ore + 5 ore = ? ore
18 ore − 7 ore = ? ore

7 zile + 3 zile = ? zile
15 zile − 5 zile = ? zile
6 zile − 4 zile = ? zile
38 zile − 8 zile = ? zile
65 zile − 32 zile = ? zile
25 zile + 14 zile = ? zile

4. Cîte ore fac o zi şi 2 ore?

5. Cîte ore fac o zi şi 4 ore?

6. Cîte zile fac o săptămînă şi 2 zile?

7. Cîte zile fac o săptămînă şi 3 zile?

8. Mircea pleacă la bunici la ora 6 şi călătoreşte 3 ore.
La ce oră ajunge?

9. Victoria a plecat cu trenul în tabără. A pornit la ora 13 şi a ajuns la ora 18.
Cîte ore a călătorit?

1 5 kg + 3 kg = ■ kg
9 kg − 4 kg = ■ kg

2 36 kg + 22 kg = ■ kg
87 kg − 80 kg = ■ kg

3 14 ore + 3 ore = ■ ore
20 ore − 14 ore = ■ ore

4 42 zile + 7 zile = ■ zile
96 zile − 6 zile = ■ zile

5 ■ kg + 40 kg = 70 kg
57 kg − ■ kg = 23 kg

6 3 ore + 20 ore + 5 ore = ■ ore
79 zile − 5 zile − 70 zile = ■ zile

7 O gospodină a cumpărat 19 kilograme de piersici. Din 10 kilograme a pregătit gem, iar din 6 kilograme compot.
Cîte kilograme de piersici au rămas?

8 Cîte ore fac 2 zile şi o oră?

Exerciţii şi probleme recapitulative

A. Numerele naturale de la 0 la 10
Adunări şi scăderi

Şirul numerelor naturale (pînă la 10)

0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10.

0; 0 + 1; 1 + 1; 2 + 1; 3 + 1; 4 + 1; 5 + 1; 6 + 1; 7 + 1; 8 + 1; 9 + 1.

1. Scrie în ordine crescătoare numerele:

4, 8, 3, 5, 7, 1, 6, 2, 10, 9, 0.

2. Scrie în ordine descrescătoare:

3, 5, 0, 10, 1, 7, 2, 4, 8, 6, 9.

3. Care numere lipsesc:

2	4	5	7	3		1	
4		6		8	10	0	2
3	5	6	8	8		5	

4. Completează pătrăţelele libere:

1 = 0 + ■
2 = 1 + ■
3 = 2 + ■
4 = 3 + ■
5 = 4 + ■

6 = 5 + ■
7 = 6 + ■
8 = 7 + ■
9 = 8 + ■
10 = 9 + ■

Numerele naturale se pot compara între ele

4 mai mic decît 5.
4 egal cu 4.
4 mai mare decît 3.

5. Compară între ele numerele:

3 şi 4	3 şi 0	6 şi 6
6 şi 8	0 şi 3	4 şi 5
7 şi 7	1 şi 1	4 şi 3
9 şi 5	1 şi 10	6 şi 0
10 şi 3	8 şi 5	4 şi 9

6. Găseşte numărul potrivit:

...egal cu 8.
6 mai mic decît... .
...mai mare decît 9.

8 mai mic decît... .
...egal cu 10.
9 egal cu... .

3 egal cu... .
0 mai mic decît... .
7 mai mare decît... .

...mai mare decît 1
4 egal cu... .
8 mai mare decît... .

Adunarea	Scăderea
Termen 5 + Termen 3 = 8 (Sumă)	Termen descăzut 8 − Termen scăzător 3 = 5 (Diferenţa)

7. Calculează:

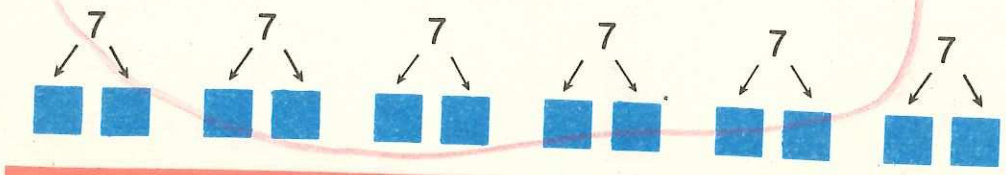
a) $6+3$ $2+3$ $5+2$ $9+0$
$3+7$ $1+6$ $0+1$ $0+0$
$8+1$ $5+4$ $4+3$ $8+2$
$6+4$ $2+6$ $5+2$ $3+4$

b) $9-3$ $3-3$ $8-6$ $9-5$
$6-4$ $7-2$ $9-8$ $7-6$
$8-2$ $9-6$ $7-4$ $8-8$
$10-8$ $7-3$ $8-2$ $3-1$

8. Scrie termenii care lipsesc:

$5=0+?$ $8=?+8$ $6=2+?$ $10=3+?$
$5=1+?$ $8=3+?$ $6=?+4$ $10=?+6$
$5=?+?$ $8=?+?$ $6=?+?$ $10=?+?$

9. Scrie numerele a căror sumă să fie 7:



Locul termenilor unei adunări poate fi schimbat, suma rămînînd aceeaşi	
$7+2=9$	$2+7=9$

10. Calculează:

$1+8$ $3+7$ $6+4$ $3+4$
$8+1$ $7+3$ $4+6$ $4+3$

11. Calculează şi verifică:

$7+2$ $1+5$ $8+2$ $2+4$
$9+1$ $3+2$ $2+5$ $3+7$
$5+4$ $6+3$ $3+0$ $2+1$
$2+6$ $1+8$ $4+5$ $3+5$

Proba adunării prin scădere	
$7+2=9$ →	$9-2=7$ $9-7=2$
Cunoscînd un termen şi suma, se poate calcula celălalt termen	
$\square+2=9$ →	$9-2=7$ → $7+2=9$
$6+\square=9$ →	$9-6=3$ → $6+3=9$

12. Calculează şi verifică (proba prin scădere)

$9+1$ $6+3$ $5+2$ $3+4$
$7+3$ $8+1$ $3+2$ $6+2$
$4+5$ $2+4$ $9+0$ $4+6$
$8+2$ $1+6$ $2+4$ $1+7$

13. Află:

a) $5 + \square = 9$ $\quad \square + 3 = 9$ $\quad \square + 1 = 5$

$4 + \square = 7$ $\quad \square + 4 = 7$ $\quad 2 + \square = 8$

$3 + \square = 6$ $\quad \square + 6 = 9$ $\quad \square + 5 = 9$

b) $3 = \square + 2$ $\quad 6 = 4 + \square$ $\quad 10 = \square + 2$

$8 = \square + 6$ $\quad 9 = 2 + \square$ $\quad 10 = 9 + \square$

$7 = \square + 4$ $\quad 2 = 1 + \square$ $\quad 10 = 3 + \square$

Proba scăderii (prin adunare sau scădere)

$9 - 3 = 6 \quad \rightarrow \quad 6 + 3 = 9$

$9 - 6 = 3$

Cunoscînd un termen şi diferenţa, se poate calcula celălalt termen

$? - 3 = 6 \rightarrow 6 + 3 = 9 \rightarrow 9 - 3 = 6$

$9 - ? = 6 \rightarrow 9 - 6 = 3 \rightarrow 9 - 3 = 6$

14. Calculează şi verifică (prin adunare):

$9 - 6$	$6 - 5$	$8 - 2$	$9 - 4$
$8 - 3$	$10 - 8$	$7 - 5$	$8 - 7$
$10 - 2$	$6 - 4$	$4 - 1$	$6 - 3$
$7 - 1$	$9 - 3$	$7 - 6$	$8 - 6$

15. Calculează şi verifică (prin scădere):

$10 - 2$	$9 - 6$	$5 - 4$	$8 - 6$
$8 - 3$	$8 - 5$	$6 - 2$	$6 - 5$
$9 - 3$	$4 - 1$	$8 - 7$	$10 - 5$
$6 - 4$	$7 - 6$	$9 - 5$	$7 - 4$

16. Află:

a) $\square - 2 = 3$ $\quad 10 - \square = 6$ $\quad 6 - \square = 3$

$\square - 7 = 2$ $\quad 8 - \square = 2$ $\quad \square - 8 = 2$

$\square - 6 = 1$ $\quad 6 - \square = 3$ $\quad \square - 2 = 1$

$\square - 8 = 2$ $\quad 5 - \square = 4$ $\quad 9 - \square = 3$

b) $3 = 9 - \square$ $\quad 6 = \square - 3$ $\quad 2 = \square - 1$

$6 = 9 - \square$ $\quad 5 = \square - 4$ $\quad 8 = 10 - \square$

$2 = 7 - \square$ $\quad 8 = \square - 1$ $\quad 3 = 7 - \square$

$5 = 7 - \square$ $\quad 6 = \square - 2$ $\quad 8 = \square - 2$

c) $2 + \square = 9$ $\quad \square - 2 = 3$ $\quad 9 = \square - 1$

$\square - 3 = 2$ $\quad 8 + \square = 9$ $\quad \square + 4 = 6$

$8 - \square = 5$ $\quad 10 - \square = 10$ $\quad 8 - \square = 2$

$\square + 2 = 10$ $\quad \square + 3 = 3$ $\quad 6 = 9 - \square$

Adunări şi scăderi cu zero (0)

$3 + 0 = 3 \quad 0 + 0 = 0$

$0 + 3 = 3$

$5 - 0 = 5 \quad 0 - 0 = 0$

$7 - 7 = 0$

17. Calculează:

$9 + 0$	$6 - 6$	$0 + 1$
$6 + 0$	$8 - 0$	$0 + 10$
$0 + 8$	$8 - 8$	$10 - 0$
$0 + 1$	$9 - 0$	$10 + 0$
$0 + 0$	$0 + 7$	$0 - 0$

Termenii unei adunări pot fi grupaţi diferit, suma rămînînd aceeaşi	
$\underbrace{5 + 2}_{7} + 3$ $\underbrace{7 + 3}_{10}$	$5 + \underbrace{2 + 3}_{5}$ $\underbrace{5 + 5}_{10}$
$(5 + 2) + 3 = 7 + 3 = 10$	$5 + (2 + 3) = 5 + 5 = 10$

18. Calculează:

$1 + 5 + 3$	$9 + 1 + 0$	$2 + 3 + 2$
$5 + 1 + 3$	$2 + 3 + 5$	$4 + 4 + 1$
$3 + 1 + 5$	$6 + 1 + 3$	$0 + 5 + 4$

19. Care este termenul necunoscut:

$1 + 3 + \square = 7$	$\square + 2 + 1 = 9$	$2 + \square + 6 = 10$
$2 + 3 + \square = 9$	$\square + 3 + 4 = 8$	$2 + \square + 2 = 9$

20. Calculează:

$9 - 1 - 5$	$1 + 5 - 3$	$8 - 4 - 2$
$9 - 5 - 3$	$5 - 3 - 1$	$6 + 2 - 8$
$9 - 3 - 1$	$9 - 3 + 1$	$10 + 0 - 0$

21. Completează pătrăţelele libere:

$4 + 5 - \square = 6$	$3 + \square - 6 = 0$	$\square + 2 + \square = 5$
$6 + 4 - \square = 1$	$8 - 7 - \square = 0$	$6 + \square + \square = 10$
$9 - 9 - \square = 0$	$3 + 7 - \square = 6$	$\square + \square - 6 = 0$

22. Completează pătrăţelele cu semnele + sau −

$4 \square 1 \square 2 = 3$	$5 \square 1 \square 1 = 7$	$6 \square 1 \square 2 = 9$
$9 \square 1 \square 2 = 8$	$7 \square 2 \square 6 = 3$	$9 \square 1 \square 6 = 4$

23. Din clasa I merg la un concurs 3 fete şi 6 băieţi.

Cîţi copii merg la concurs?

24. Un tren parcurge distanţa de la Bucureşti la Constanţa în 3 ore, iar cea de la Constanţa la Mangalia în 2 ore.

a) În cît timp parcurge distanţa de la Bucureşti la Mangalia?

b) La ce oră pleacă din Bucureşti dacă la Mangalia ajunge la ora 10?

25. O gospodină aşază pe un raft 9 borcane cu dulceaţă, iar pe al doilea raft 6 borcane.

Pe care raft sînt mai multe borcane şi cu cît?

26. Pentru înfrumuseţarea clasei elevii au adus ghivece cu flori. Dacă ar mai fi adus 2 ghivece ar fi fost 10.

Cîte ghivece cu flori au adus elevii?

27. Pentru un cearşaf de pat se folosesc 2 metri de dantelă, pentru unul de plapumă 3 metri, iar pentru feţele de pernă 4 metri.

Cîţi metri de dantelă se folosesc în total?

28. George are 10 timbre. El dă 3 timbre fratelui său şi 4 unui prieten.

Cîte timbre i-au mai rămas?

29. O întreprindere pentru conserve a primit 3 camioane cu ardei, iar roşii, cu 2 camioane mai mult.

Cîte camioane cu legume a primit întreprinderea?

30. Un ţăran a crescut într-un an 3 porci, iar în anul următor, cu 2 porci mai mult.

Cîţi porci a crescut ţăranul în cei doi ani?

B. Numerele naturale de la 0 la 100
Adunări şi scăderi

Şirul numerelor naturale (pînă la 100)

0, 1, 2, 3, 4, ..., 98, 99, 100.

1. Scrie în ordine crescătoare, apoi în ordine descrescătoare numerele:

a) 12, 45, 27, 81, 96, 38, 55, 92, 10.

b) 100, 80, 40, 0, 50, 90, 20, 60, 30.

2. *a)* Scrie în ordine crescătoare numerele de la 48 pînă la 53; de la 67 pînă la 75; de la 16 pînă la 24.

b) Scrie în ordine descrescătoare numerele de la 56 pînă la 45; de la 63 pînă la 51; de la 97 pînă la 83.

3. *a)* Scrie toate numerele care au: cifra unităţilor 0; cifra zecilor 3; cifra unităţilor 1.

b) Care este cel mai mare număr scris cu o cifră?

c) Care este cel mai mic număr scris cu o cifră?

d) Care este cel mai mare număr scris cu două cifre?

e) Care este cel mai mic număr scris cu două cifre?

4. Găseşte numerele care se pot scrie cu cîte două dintre cifrele:

0, 1, 2 şi 3.

Numerele naturale se pot compara între ele

7 este egal cu 17.
13 mai mic decît 17 pentru că $13 + 4 = 17$.
19 mai mare decît 17 pentru că $19 = 17 + 2$.

5. Compară numerele:

a)	70 și 80	90 și 60	10 și 20	40 și 30
	100 și 50	30 și 40	80 și 70	10 și 100
	90 și 90	60 și 10	30 și 50	40 și 10
b)	14 și 16	18 și 28	28 și 18	46 și 64
	88 și 88	90 și 99	77 și 66	33 și 23
	57 și 75	69 și 96	44 și 44	24 și 34

6. Găseşte numerele potrivite:

77 mai mare decît... .
65 mai mic decît... .
...mai mic decît 27
31 egal cu... .
89 mai mare decît ... .
...mai mic decît 52
91 mai mic decît... .
44 mai mare decît... .

7. Compară:

$17 + 2$ mai mare decît 17	$19 - 5$ mai mic decît 19
$18 + 2$ 19	$17 - 6$ 17
$23 + 6$ 23	$35 - 5$ 35
$40 + 7$ 40	$69 - 9$ 69

Calculul sumei şi diferenţei			
$50 + 30$	$90 - 40$	$16 + 3$	$17 - 2$
$5 + 3 = 8$	$9 - 4 = 5$	$6 + 3 = 9$	$7 - 2 = 5$
$50 + 30 = 80$	$90 - 40 = 50$	$16 + 3 = 19$	$17 - 2 = 15$

8. Calculează:

a) $7 + 2$ $\quad$ $3 + 4$ $\quad$ $6 + 4$ $\quad$ $4 + 5$

$70 + 20$ $\quad$ $30 + 40$ $\quad$ $60 + 40$ $\quad$ $40 + 50$

$9 - 7$ $\quad$ $7 - 4$ $\quad$ $8 - 5$ $\quad$ $5 - 3$

$90 - 40$ $\quad$ $70 - 40$ $\quad$ $80 - 50$ $\quad$ $50 - 30$

b) $2 + 3 + 5$ $\quad$ $6 - 2 + 4$ $\quad$ $3 + 4 - 2$

$20 + 30 + 50$ $\quad$ $60 - 20 + 40$ $\quad$ $30 + 40 - 20$

$10 - 5 - 3$ $\quad$ $3 + 4 - 6$ $\quad$ $5 + 4 - 3$

$100 - 50 - 30$ $\quad$ $30 + 40 - 60$ $\quad$ $50 + 40 - 30$

c) $3 + 5$ $\quad$ $2 + 7$ $\quad$ $3 + 4$ $\quad$ $5 + 5$

$13 + 5$ $\quad$ $12 + 7$ $\quad$ $3 + 14$ $\quad$ $5 + 15$

$7 - 2$ $\quad$ $8 - 5$ $\quad$ $7 - 4$ $\quad$ $9 - 5$

$17 - 2$ $\quad$ $18 - 5$ $\quad$ $17 - 4$ $\quad$ $19 - 5$

d) $10 = 5 + \square$ $\quad$ $7 = 4 + \square$ $\quad$ $5 = 5 + \square$

$10 = 10 + \square$ $\quad$ $17 = 14 + \square$ $\quad$ $15 = 10 + \square$

$9 = 4 + \square$ $\quad$ $8 = 2 + \square$ $\quad$ $15 = 5 + \square$

$19 = 14 + \square$ $\quad$ $18 = 12 + \square$ $\quad$ $15 = 15 + \square$

9. Găseşte numere pentru a obţine rezultatele date:

$7 + 2 + 1 = 10$ $\quad$ $15 - 5 - 2 = 8$ $\quad$ $6 + 4 - 3 = 7$

$\square - \square + \square = 10$ $\quad$ $\square + \square - \square = 8$ $\quad$ $\square + \square - \square = 7$

$\square - \square - \square = 20$ $\quad$ $\square + \square - \square = 15$ $\quad$ $\square + \square - \square = 4$

10. Completează cu semnele + sau −

$3 + 5 + 1 = 9$ $\quad$ $40 - 20 + 10 = 30$ $\quad$ $13 + 4 - 2 = 15$

$6 \square 4 \square 1 = 1$ $\quad$ $60 \square 40 \square 20 = 40$ $\quad$ $19 \square 5 \square 3 = 17$

$5 \square 3 \square 1 = 3$ $\quad$ $70 \square 30 \square 10 = 30$ $\quad$ $11 \square 6 \square 2 = 15$

$4 \square 2 \square 2 = 8$ $\quad$ $100 \square 0 \square 10 = 90$ $\quad$ $21 \square 5 \square 6 = 20$

11. Calculează şi verifică:

$20 + 14$	$69 - 13$	$53 + 26$	$68 - 27$
$62 + 3$	$47 - 25$	$40 + 38$	$89 - 45$
$45 + 12$	$53 - 41$	$75 + 20$	$56 - 14$
$37 + 41$	$39 - 17$	$39 + 40$	$74 - 33$

12. Calculează şi verifică scăderile:

$20 - 12$	$36 - 25$	$59 - 17$	$100 - 40$
$20 - 7$	$88 - 40$	$99 - 29$	$65 - 23$
$20 - 14$	$79 - 56$	$86 - 53$	$48 - 25$
$20 - 5$	$92 - 21$	$77 - 36$	$53 - 21$

13. Găseşte termenii care lipsesc:

$96 - 90 - \square = 2$ $\quad$ $23 + \square + 3 = 28$ $\quad$ $13 + 6 + \square = 49$

$75 - \square - 5 = 0$ $\quad$ $42 + 6 + \square = 49$ $\quad$ $19 + \square + 20 = 40$

$38 - 30 - \square = 0$ $\quad$ $72 + \square + \square = 78$ $\quad$ $66 - \square - \square = 60$

$47 - \square - \square = 0$ $\quad$ $54 + 4 - \square = 50$ $\quad$ $82 - \square - \square = 0$

Unităţi de măsură pentru timp		
Ora	*Ziua*	*Săptămîna*
1 oră	1 zi = 24 ore	1 săptămînă = 7 zile

14. Cîte ore sînt într-o zi şi 10 ore?

15. Cîte zile sînt într-o săptămînă şi 2 zile?

16. Un tren pleacă din Bucureşti spre Craiova la ora 5. Drumul durează 3 ore.

La ce oră ajunge la Craiova?

17. Un pionier a stat în tabără o săptămînă şi 3 zile.

Cîte zile a stat în tabără?

18. Cît arată ceasul dacă de la ora 12 au trecut 5 ore?

Cîte ore mai sînt pînă la ora 20?

19. Raluca călătoreşte cu trenul o zi şi 3 ore.

Cîte ore a durat călătoria?

20. Pentru a ajunge în tabără, elevii au plecat la ora 10. Au călătorit 3 ore cu trenul şi 2 ore cu autobuzul.

La ce oră au ajuns?

Unităţi de măsură		
Metrul	*Kilogramul*	*Litrul*
1 m	1 kg	1 l

21. O lădiţă goală cîntăreşte 2 kilograme. O lădiţă plină cu fructe cîntăreşte 16 kilograme.

Cît cîntăresc fructele?

22. O grădiniţă a primit într-o zi 45 de kilograme fructe (mere şi struguri).

Cîte kilograme de struguri a primit dacă mere au fost 24 de kilograme?

23. Cum se pot măsura 2 litri de ulei, dacă avem un vas de 5 litri şi altul de 3 litri?

24 Calculează:

32 m + 47 m	69 m − 49 m	31 m + 66 m
59 m − 23 m	76 m − 34 m	28 m − 14 m
83 m − 61 m	43 m + 52 m	66 m − 23 m

25. Compune şi rezolvă probleme, folosind datele:

14 kg 2 kg 3 kg	30 m 60 m 10 m	43 l 20 l 33 l	42 kg 30 kg ? kg	20 m 53 m ? m	11 l ? l 33 l
? kg	? m	? l	76 kg	83 m	66 l

Monede		Bancnote
Bani	*Lei*	
5	1	10 lei
10		25 lei
15	3	50 lei
25	5	100 lei

26.

am avut	60 lei	90 lei	50 lei	? lei	30 lei
am primit	20 lei	10 lei	? lei	70 lei	? lei
total	? lei	? lei	80 lei	90 lei	100 lei

27.

am avut	100 lei	80 lei	70 lei	50 lei	? lei
am cheltuit	20 lei	30 lei	? lei	? lei	70 lei
rest	? lei	? lei	10 lei	10 lei	20 lei

28. Aura are două monede de 5 lei, două de 3 lei şi trei de 1 leu.

Ce monede poate folosi pentru a cumpăra o jucărie de 11 lei?

29. Numai cu monede de 3 lei şi 5 lei se poate plăti o sumă mai mare decît 7, dar mai mică decît 10. Cum?

30. Radu are 56 de lei, iar fratele lui 30 de lei.

a) Cu cîţi lei are mai mult Radu decît fratele lui?

b) Cîţi lei trebuie să mai economisească cei doi fraţi ca să poată cumpăra un clasor de 89 de lei?

Completează datele care lipsesc în problemele următoare şi rezolvă-le!

31. Cîţi pomi sînt în livadă dacă s-au sădit [redacted] meri şi [redacted] pruni?

32. În clasa noastră sînt [redacted] elevi. 30 de elevi sînt abonaţi la revista „Şoimii patriei", iar restul la revista „Luminiţa".

Cîţi elevi sînt abonaţi la revista „Luminiţa"?

33. Cercul de „Mîini îndemînatice" a pregătit pentru expoziţia şcolii [redacted] cusături şi cu [redacted] mai multe împletituri.

Cîte obiecte au pregătit copiii?

34. În clasa I sînt 35 de elevi, iar în clasa a II-a cu [redacted] mai puţin.

Cîţi elevi sînt în cele două clase?

35. Ionel are de adus la şcoală [redacted] kilograme de maculatură. Într-o zi a adus 10 kilograme, iar în altă zi 12 kilograme.

Cîte kilograme de maculatură mai are el de adus?

36. Liliana are [redacted] lei. Ea cumpără de 10 lei un penar, iar de 30 de lei cărţi.

Cîţi lei îi rămîn?

37. Iulia a adus pentru insectarul şcolii [redacted] fluturi. 10 fluturi sînt albi, iar restul coloraţi.

Cîţi fluturi coloraţi sînt?

În problemele care urmează pune întrebarea şi rezolvă:

38. Într-o grădină de legume s-au plantat 24 de rînduri cu roşii şi cu 22 de rînduri mai mult, cu varză.

39. La un magazin s-au adus într-o zi 65 de kilograme de lămîi, iar a doua zi cu 30 de kilograme mai puţin.

40. Elevii clasei I A au adunat 12 kilograme plante medicinale, iar cei din clasa I B au adunat cu 3 kilograme mai puţin.

41. La un magazin de confecţii erau pe un raft 45 de uniforme şcolare, iar pe altul 34.
Dimineaţă s-au vîndut 26 de uniforme.

42. La o cantină s-au adus o dată 36 de litri de ulei şi altă dată 23 de litri. S-au consumat 17 litri.

43. Elevii unei şcoli au predat anul trecut 43 de kilograme gogoşi de mătase, iar anul acesta 54 de kilograme.

44. O cooperativă de încălţăminte lucrează zilnic 20 de perechi de pantofi. 9 perechi de pantofi sînt pentru bărbaţi, iar restul pentru copii.

C. Exerciţii şi probleme diverse

1. Victor are într-o pungă bile albe şi bile negre. El scoate, la întîmplare, fără să privească, 3 bile.
Ce culoare pot avea cele 3 bile?

2. Completează pe caiet pătrăţelele rămase libere în aşa fel ca, făcînd adunarea, pe fiecare rînd şi coloană suma să fie 10.

1	3	
3		3
	3	

3		5
	3	4
4	5	

2	7	
	2	5

3. Completează pe caiet pătrăţelele rămase libere cu numere de la 1 la 4, astfel ca suma să fie 10 pe fiecare rînd şi coloană.

2		3	4
3	4		1
	3	1	2
1	2		3

		1	2
1		4	
2	1		4
	4		

4. Observaţi regula şi continuaţi scrierea şirului de numere:

a) 12, 14, 16, ..., 32.
b) 5, 10, 15, ..., 45.
c) 0, 10, 20, ..., 100.
d) 5, 10, 20, 25, 35, ..., 70.

5. Aceeaşi figură reprezintă într-un singur exerciţiu un anumit număr, ca în exemplul *(a)*.

Găseşte numerele corespunzătoare în restul cazurilor.

a) ■ + △ = 5
■ − △ = 1

b) ■ + △ = 7
■ − △ = 3

c) ■ + △ = ○
■ − △ = △
△ + ○ = 8

d) ■ + △ = ○
⑧ − ■ = △
△ + △ = 6

6. Găseşte o cale de a calcula uşor şi repede:

a) 1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 = ?
(10, 10)

b) 1 + 2 + 3 + 4 + 5 + 15 + 16 + 17 + 18 + 19 = ?
c) 1 + 2 + 3 + 4 + 5 + 5 + 4 + 3 + 2 + 1 = ?
d) 9 + 22 + 14 + 1 + 8 + 37 + 6 + 3 = ?

7. Mihăiţă vrea să cumpere o jucărie. El are 5 lei, dar nu-i ajung banii.

Dacă ar mai avea încă 4 lei, ar fi prea mult. Dacă ar mai avea 2 lei, ar fi prea puţin.

Cît costă jucăria?

8. Dacă din prima ladă se iau 7 pere şi se pun în a doua ladă, în fiecare sînt cîte 10.

Cîte pere au fost în fiecare ladă?

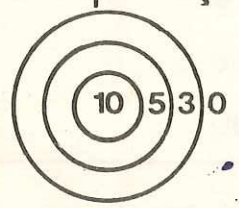
9. Mă gîndesc la un număr; el este mai mare decît 10, dar mai mic decît 20; are 3 unităţi, iar cifra zecilor este mai mică decît cea a unităţilor.

Care este numărul?

10. Completează!

○	○ ○	○ ○ ○	○○○○	→ 10
○ ○				→ 10
○ ○ ○				→ 10
○○○○				→ 10
↓ 10	↓ 10	↓ 10	↓ 10	

11. Punctajul înscris pe o ţintă de tir arată astfel:



Cîte puncte se pot obţine din două lovituri? (scrie 5 posibilităţi).

1 Compară:

4 și 7	40 și 70	37 și 32
9 și 9	14 și 18	59 și 63
8 și 5	20 și 62	73 și 37

2 Calculează:

70 + 20	16 + 4	42 + 23
30 + 50	32 + 5	83 + 16
60 + 30	47 + 2	35 + 24

3

80 − 30	20 − 17	49 − 35
100 − 60	87 − 54	99 − 61
90 − 70	96 − 32	78 − 50

4

24 + 30 + 5	14 + 6 − 8
80 − 50 − 30	47 − 20 + 2
100 − 40 + 20	35 + 24 − 3

5

$\square + 7 = 20;$

$40 + 20 + \square = 100;$

$90 - 30 + \square = 80;$

6

$30 + 10 + \square = 70$	$84 - 3 - \square = 61$
$40 + \square + 40 = 100$	$68 - 30 - \square = 0$
$80 - 20 + \square = 90$	$75 - 40 - \square = 5$

7 Mara are 25 de lei. Nicu are cu 10 lei mai mult. Cîţi lei au cei doi copii împreună?

CUPRINS

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Nr. colilor de tipar: 10
Bun de tipar: 19 XI 1987

Com. nr. 70 354/34 001
Combinatul Poligrafic
„CASA SCÎNTEII"
Bucureşti — R.S.R.